Discussion on the Modernization Method of Folk Blue and White Fish Dish Design From the Viewpoint of System Theory

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Abstract. Based on system theory and basic research methods as a guide, this paper through the analysis of other characteristics of the folk blue and white fish dish, the sum of organic, fluency, other characteristics of relations between the three independence, and will summarize the results of the design pattern and modern era style comparison, the folk blue and white fish plate differences due to the pattern of modern simplicity and organic combination, and independent, open and closed three differences. Through the systematic analysis of the characteristics and relationship of each other balance, the folk blue and white fish plate pattern simplification and re combination of modern graphic design through the composition selection and visual elements arrange, make them adapt to each other, the method to ensure the inheritance of the folk blue and white fish plate pattern characteristics and modern features of the times and adapt to the needs of modern design. In this paper, by the way of re creation and network delivery of the folk blue and white fish dish, the validity of this method is verified.

Keywords: Folk mackerel dish, system theory, modernization of traditional patterns, methods.

Introduction
Folk blue and white fish dish is a form of folk porcelain in Qing Dynasty, the pattern with fish patterns coiled, supplemented by water, the ripple pattern, its design is simple and smooth, highly decorative sense is organic, fluency and other characteristics of the independence of the whole research. In this paper, using the system theory viewpoint the other elements, folk blue and white fish
plate pattern into a unified system, and analyze the relation between the effect and other elements and other characteristics during various factors, in order to carry out transformation and control of the analysis for the system at the same time and correlation factors of modern pattern design, and the characteristics of the times the aesthetic trend that modern pattern, by comparing the similarities and differences between the folk blue and white fish plate shape characteristics and modern design requirements, for folk blue and white fish plate pattern used in modern pattern design At the same time, the research of this paper can also provide some reference for the modernization and re creation of other traditional patterns, and provide more solutions for the modern application of traditional patterns.

**Basic Viewpoints of System Theory**

The point of view of system science as a long-standing, system theory, American Austria theoretical biologist beta Lang in 1932 proposed, and through the proposed general system theory principle in 1937, laid the theoretical foundation of system theory. The theory is that the concept of the whole system, any system is an organic whole, the system is not the elements of the combination of simple machines, but can play the nature of each element is not in isolation. At the same time not system factors exist independently, each element is in a certain position in the system, plays a specific role.

If the elements are separated from the system, it will lose as a factor. The basic research methods of system theory, which is the object as a system, through the elements of the system, the relationship between environmental changes and regulation. The study of law obtains the function and relationship of each element in the system, as well as the interaction factors between the system and environment.

In this paper, mainly using the research methods of system theory and the interrelated factors of view of the overall system, each other is elements of folk blue and white fish plate pattern and modeling characteristics into the system to be studied, the relationship between the various elements and the interaction state, while the modern design of the visual environment requirements systematic analysis, find the similarities and differences between the two, the folk blue and white fish plate pattern adjustment and re creation, find out the folk blue and white fish plate pattern used in modern design methods.

**Folk Graphic Design Features of Blue and White Fish Dish**

Folk blue and white fish dish, with cobalt stain drawing fish pattern and other auxiliary patterns in the white porcelain mud, and then coated with transparent glaze cover, a porcelain after about 1300 DEG C temperature firing, is also part of the fish plate in the finish after firing and other blue and white glaze and decoration again glaze, in order to obtain better visual effect. Folk blue and white fish dish popular in the Qing Dynasty, reached its peak in the early Republic of China, its origin is very extensive: Jiangxi Jingdezhen, Shandong Zibo, Fujian, Dehua and other ceramic producing areas have production, private small-scale production is beyond count. Folk blue and white fish plate pattern in different
times in different regions in other production with its clear characteristics of the
times and regional characteristics, at the same time, because of its historical
background, the production process, the use of the environment, consistent user
aesthetic aspects of the folk blue and white fish plate pattern also has a certain
unity visual features.

The organic pattern produced by the aesthetics of the folk mackerel dish.
The contents of other folk blue and white fish dish dominated by fish,
supplemented by water ripples, water lines or other patterns, the single fish
tangled in the center of the picture, the fish is curved inward, pectoral waving,
caudal and large angle folding body suitable for circular disk space, surrounding
water ripples. The grain composition in the form of curve patterns are typical,
but there are also some Pisces circle, and swim or fish composition. Folk blue
and white fish plate pattern in fish pattern, influenced by the audience aesthetic
tendency, showing a very clear and lively style and organism, its shape plump,
mellow, simple and full of vitality; first, folk blue and white fish dish pattern, the
fish head is divided into two or three arcs, the forehead arc curvature smaller,
contour showed hard crisp jaw to fish, the fish gill is part of a continuous curve
strong sense of expansion. Have a strong sense of expansion and the organic
movement tendency through the form of expansion. Secondly, the fish part of
folk blue and white fish dish pattern from the upper and lower two arcs as
contour filled cross grid lines or other patterns, divided from the fish curve
shape, which can be divided into the same direction by fish the body. S shaped
fish, the fish back in three forms: the same to the fish, the fish on both sides of
the dorsal ventral curve of the bending direction of the fish is congenial, bending
strip in the form of fish and a slightly inflated sense of fullness in itself, but can
often show more movement and the sense of power; S shaped fish, the fish back
into outgoing arc, abdomen curve for the S shape, namely the front part is the
protruding arc length, the total length of about 65% to 80% of the transition
curve to the concave arc, to strengthen the tail of the fish body in the form of S
force to maintain a strong sense of power and tail strengthen. The fish in the fish
a sense of expansion. The reverse the fish, the fish’s back and abdomen are
outside the arc curve, abdomen curve through connecting the head and tail part
in sharp turn, connected to the head and tail. The dynamic curve is not complete,
the reverse dynamic fish is not strong, but the have a strong sense of expansion,
and is especially suitable for stressed fish fat and sense of expansion. Finally, the
tail part of the folk blue and white fish dish pattern by two fish and fish was 90
degrees cross arc to form the outer contour and skeleton tail graphics, again in
the meantime, color filling curves, etc. to the performance. Because fish usually
do not perform part thickness and volume, thus rendering in the tail part, its main
active sports, often uses the length of exaggerated and smooth lines to be
painted. On the whole, the folk blue and white fish dish fish because of its
pattern the aesthetic tendency of creators and the audience, in the form of
stressed fish fat at the same time, through the lines concise and shape plump,
showed a strong sense of life and organic forms.

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The graphic fluency produced by the production of folk blue and white fish plates. Folk blue and white fish in the pan drawn by the painter with a brush hand, the folk blue and white fish plate yield larger, less expensive, less time of drawing piece porcelain in the production process need painting repeatedly for each piece of porcelain to draw the same pattern, its production method makes painters fast and long time in the process of drawing with the draw drawing skill in the process, which brings a smooth shape for the coordination of freely flowing style of writing patterns.

According to Jingdezhen today in hand-painted folk blue and white fish plate painter master introduced the basic structure of 35 cm blue and white fish dish pattern which he had drawn by the traditional "Twelve pen" painting to complete the fish pattern, the fish head contour pattern two, dotting the two body, two pens, two pectoral, dorsal ventral two. Two tail, in the actual operation of not more than 10 seconds can be completed mackerel fish pattern disc main structure drawing, the drawing process and the technique of fast smooth hand to adapt to rapid production needs, on the other hand also makes each stroke blue and white fish dish patterns of the draw has very strong coordination the coherence and sense of rhythm, the overall pattern has strong fluency and integrity. At the same time, because each mackerel disc patterns are required to draw them one by one in the drawing, a long time high frequency The repeated drawing, due to the pattern of linear structure and proportion of skilled painters, master of blue and white fish plate pattern shape and the proportion reached a very high level, because of other skilled painters, thus in the drawing process is not required to master the proportion or scale and always hesitate, but go further to ensure as freely flowing style of writing. The folk blue and white fish plate pattern of coordination and fluency.

The graphic independence of the patterns used by the folk blue and white fish dish designs. As with most folk patterns at the same time, folk blue and white fish plate pattern also has strong independence, which is suitable for the pattern space form, pattern of internal integrity is strong, to produce interactive visual elements less environment. First of all, from the point of view of the trend of movement pattern, folk blue and white fish plate pattern multi drawing in the circular blue and white porcelain wall, through pattern configuration and dynamic control of composition, form an internal fit, visual motion trend of complete and closed. Folk blue and white fish dish typical graphics for fish graphics coiled in porcelain intraday, peripheral slightly some space vacated, the external wave pattern, water, water lines according to the edges of the disc space decoration to the overall pattern around, to constitute the entire screen. Among them, the fish pattern form bent inward, fold and form of movement as a whole, in order to keep in full form Organic and movement expansion fluency jump at the same time, the overall trend in the form of fish movement patterns of circular space hover Co., make it suitable for the limited screen space. The outer space and form of fish pattern with the outermost ring pattern to further reduce the movement of fish pattern on the morphological patterns of the whole movement. The impact of the movement trend pattern form the outside space of fish form.
buffer, while isolating the fish pattern shape and ornamentation with peripheral ring, so as not to conflict. The two peripheral annular converting sculptine movement trend of fish pattern morphology ring, diffusion trend of ripple shaped, then fit with porcelain edge morphology, uniform and full suitable for the drawing space, so as to form a complete, independent of the environmental movement, from movement trend to strengthen the independent pattern. Secondly, from the form of interaction with the outside world pattern, folk blue and white fish plate pattern characteristic of the movement of the strongest, the outline is not complete, and the surrounding space interaction the strongest fish form placed in the middle of the screen position, while the lateral arrangement pattern completely according to the space form planning decoration belt. The most athletic elements in the picture and deep inside, space and stability elements wrapped up, with the outer decorative elements is very stable in shape, and the outer space is difficult to produce visual elements movement trend and visual interactive space, this kind of composition to further strengthen the independence and the closure of the folk blue and white fish plate pattern.

Organic folk blue and white fish plate pattern form, smooth line drawing, three closed independent modeling features constitute the composition of the overall visual effect of folk blue and white fish plate pattern, the three are not simple attributes can be split, but the mutual penetration, mutually reinforcing, common visual effect: Folk blue and white fish plate pattern of active and vivid visual perception, not only from the organic form, but also from the pattern of skilled smooth lines; simple and smooth folk blue and white fish patterns like not only smooth freely flowing style of writing from the line, from the pattern full of vivid shape and stable and simple form of composition thus, in the process of re creation of the modernization, not to simply replace and change the elements and aesthetic characteristics, so as to adapt to the modern pattern demand.

The Difference between the Demand of Modern Graphic Design and the Features of the Pattern Design of the Folk Blue and White Fish Dish

Modern graphic design is the introduction of western modernism design style and aesthetic feeling, visual environment diversification, influence of visual information quantitative factors such as age, with more distinctive features, structure and has obvious characteristics of the times and other classical folk characteristics of the folk blue and white fish plate pattern in the visual space, the combination of visual elements the interaction of internal and external space layout visual elements have the obvious difference.

The demand for the simplicity of modern pictorial design and the difference between the organic design of the folk blue and white fish dish patterns. Simple demand of modern designs, mainly from the design style of modern design in the design status and decrease visual information overload today in the visual environment to make more simple audience, low amount of information. The visual elements in the pattern design, the decrease in the amount of information pattern, simplified pattern structure mode. The pattern of
low exercise decreased three. Reduce the amount of information in the pattern, semantic content pattern, visual elements, morphology, color relations, modern pattern compared with traditional patterns are significantly simplified. For example in common in traditional patterns of semantic subject patterns (such as paper cutting in the common people animal, plant, patterns composed of patterns) in modern pattern design is rarely used, instead of the visual information is lower, more single semantic pattern simplified. Similarly, traditional patterns the color scheme used in the multi-layer gradient colors, is less used in the modern pattern. Simplify the image structure, namely the modern pattern compared with traditional pattern significantly simplify the visual element in the structure, the traditional pattern of common depth space arrangement of complex visual elements in modern structure, pattern has been less used, instead the plane is scattered, plane type is more suitable for the visual elements of simple structure and clear pattern. The movement of the lower, namely in modern pattern design, less use of visual psychological force produced strong pattern of psychological movement trend, more and more tend to calm the pattern of visual mood, in order to reduce the amount of visual information pattern.

Folk blue and white fish plate design more visual elements in simple visual elements of structure are mainly concentrated in the two-dimensional space form arrangement, which is more in line with the requirements of the modern pattern of the relationship between simplified visual elements and visual elements. The contradiction between demand structure simplified folk blue and white fish plate pattern and modern pattern is mainly manifested in the modern graphic design requirements in the pattern of movement to reduce and folk blue and white fish plate pattern prominent vivid.

The combination of modern pictorial design demands the difference between the independence of the patterns of the folk blue and white dish designs. The combination of the demand of modern pattern, from the pattern of use mode change. Traditional pattern by the combination of relatively simple, namely the individual patterns, the two sides, four consecutive, for combination of scatter continuous simple organization, mainly relying on the rich visual information of the pattern itself for decoration, and modern designs tend to use a relatively simple pattern form, and more organic structure relationship to obtain the corresponding visual effect through the adaptive pattern elements on various combinations of relations, that is the higher requirement of combination pattern.

The folk blue and white fish in the pan pattern from the outset is designed as a single pattern, so the combination of relatively weak: whether it is from which to extract individual fish patterns, or complete fish patterns, are combined with other graphics is difficult, and therefore need to re design, so that adapt to the modern pattern of the combination of demand.

The opening demand of modern graphic design, and the difference between the seal design of the folk blue and white fish dish. Modern visual communication is an important characteristic of the era of design, which is the
interaction of visual elements and space is more intensive, visual elements to the surrounding space expansion caused by visual tension is higher. The characteristics of the times in modern design, is the design elements of the opening: the modern pattern is not like the traditional pattern as with the surrounding space completely separated, but more actively expanding to the surrounding space. For example in modern pattern design, design method for the following properties: rendering visual transition layer elements decrease gradually to strengthen the expansion and infiltration of the visual trend to spatial pattern in the pattern part edge region. Or will fill the entire layout pattern, so that a portion of which is cut off the edge layout and so on. Folk blue and white fish plate pattern by using the three layer type composition, will force the most obvious pattern of the fish In the picture of central buffer layer is composed of scattered pattern or space in its periphery, the outer ring is suitable for decorative media space, this composition makes folk blue and white fish plate pattern is like most of the traditional folk pattern, the pattern of visual form is closed more strongly, with the birth of the era aesthetic tendency the modern design and the spirit of the times at odds.

Concise, modern design combination, design requirements of open is not independent of the existence of modern design elements, but the overall characteristics of the times reflected in the pattern design. The modern design of the overall characteristics of the times, the modern design emphasizes the visual elements of the picture, between the visual elements and the space between the screen and the. The picture surrounding space and visual element is more strengthened, the larger system emphasizes the visual elements and layout of space, rather than small visual elements within a system, reflected in the modern graphic design requirements, that is to pay attention to the relation between pattern structure and pattern and space layout, reduce the design's own performance and the sense of existence. Therefore, concise, modern design of the modular, open, integrated form of the performance characteristics of the times of modern designs the overall design goals of this system, the As the elements of the system, it should not be replaced individually and pulled out, therefore, the mutual adaptation and other characteristics of the folk blue and white pattern, the relationship between the various factors should be considered in order to guarantee the system, will affect their coordination caused by reduced to a minimum.

The Folk Blue and White Fish Dish Pattern is Suitable for the Modern Pattern Design Method - the Systematic Adaptation
Folk blue and white fish dish pattern due to which the visual environment, the audience aesthetic and the production process is organic, fluency and independence of other features, concise, these other features and modern designs in combination, open the demand differences, thus to carry on the analysis, improvement and then try to save the creation, in excellent shape and aesthetic characteristics at the same time, so that it can adapt to the modern design requirements, at the same time to study the modern design requirements, in order
to allow it to maintain visual form of sense of the times at the same time, the use of more modern to the traditional pattern.

The adaptation of folk blue and white fish dish design to the conciseness of modern graphic design. To adapt to the folk blue and white fish plate pattern of simple requirements of modern design, can be divided into the following three aspects: firstly, the semantic content of the folk blue and white fish plate pattern was simplified. With respect to the part of traditional pattern, semantic content of folk blue and white fish plate pattern is more concise, consistent with its basic contents the modern design requirements, to further make it simple and pure, the design can be through the decomposition of the patterns in the semantic content, to reduce the number of semantic content of a single pattern, for example in the simplification of the folk blue and white fish plate pattern, which can be extracted from the fish form, then add a few auxiliary graphics to form a complete pattern. Secondly, the folk blue and white fish plate pattern modeling language is simplified through in one or several parts with uniform pattern the modeling language, to reduce the amount of visual information in the pattern through the consistency of modeling language. Folk blue and white fish plate pattern language is mainly simple and smooth lines and hand-painted points according to the marks, its simplicity is strong, in the design process, often only need to change some simplification can be achieved the modern design needs. At the same time, because of simple and smooth strokes is folk blue and white fish is an important component of disc pattern features in the system, the performance and the recognition effect of substitution and transformation will affect the folk blue and white fish plate pattern, so in the design process, should be cautious. Finally, to convey fish plate pattern folk blue and white mood was simplified. Because the organic and fresh fish dish folk blue and white patterns modeling is one of the important factors of the shape characteristics of the system, it is not simply rough The storm with geometric or other emotions without other alternative ways to simplify, but to change the pattern of visual and visual feeling strong emotions of relative calm in proportion, for example by reducing the visual mood is relatively strong fish pattern area, increase the wave line visual mood relatively flat, water lines and part of the space in the area, keeping the folk blue and white fish plate pattern characteristics, reduce the visual emotional activity, to adapt to the needs of the modern simplified pattern.

The modern pattern design reduces the simplification request in the time esthetic style permission scope. The use of modern folk blue and white pattern can not only from the transformation of the folk blue and white pattern and the re-creation of a research approach, can also be based on ensuring the era characteristics of modern pattern and aesthetic taste, by composition method, reduce the terms of simplicity in pattern design requirements for folk blue and white fish plate pattern of modernization development the new ideas, there are mainly two kinds of methods: first, the secondary compression of visual elements to reduce the amount of information, the concise design requirements. The amount of visual information by the visual element pattern is the amount of
information, visual elements structure information, a part of the visual emotional information quantity and become cumulative so on, some of the visual information of the visual image of the overall amount of the factors that affect the small compression, can reduce the amount of information of the whole visual pattern, so as to reduce the requirements of simple patterns For example on color pattern compression and simplification, the overall amount of visual information can not only reduce the pattern, thus reducing the pattern shape, simplified demand emotional. Second, through the composition design, reduce the design simplicity of the core area. In each part of the layout, visual information is not uniform, but with the visual process arrangement, focus on the important parts of the visual center, and some of the important part of a field, watching time in the visual center, long time stay part of the point of view, high capacity of its visual information, corresponding to these parts of the pattern of demand is relatively relaxed. Therefore simplified by the composition of the arrangement, the traditional graphics in the visual information capacity of the higher area, and through the visual process design view to further strengthen the residence time in these areas, in order to improve these areas The visual information capacity reduces the simplification requirements of the corresponding patterns.

The adaptation of folk blue and white fish dish design to the combination of modern pattern design. Since its birth in the era of design requirements and aesthetic tendency, folk blue and white fish plate pattern has obvious independence, it is difficult to and other collaborative pattern, organization and graphical way to build a picture, in order to make it accord with modern graphic design portfolio of the demand, need to rebuild the structure pattern, the main methods a pattern of external transition layer and pattern of scattered arrangement of two methods.

Lateral pattern transition layer, which is the external structure of closed pattern is replaced by a more open, more combination of pattern visual elements, connected to other patterns outside these visual elements on the one hand, on the other hand, a strong independent internal pattern formation constraint and transition layer, so as to avoid the combination of for a complete structure pattern. For example in the re creation of folk blue and white fish plate pattern, fine patterns can be on the outer and middle pattern decoration with modified to maintain its modeling language and visual style elements inconvenience on the premise of replacing it with discrete and increase the fine graded density the discrete pattern group, that is close to the internal part of discrete pattern arrangement pattern closely, with the increase of the distance and the pattern density decreases gradually, to form a pattern of fish as the center of the band as fish form and space A combination of this pattern and other patterns.

Scatter pattern arrangement method, the discrete distribution pattern in the picture, by increasing the number of view pattern, independent single pattern that gradually decreased, the individual number when the screen pattern reaches to a certain extent, the pattern is not as face or color, but as to cognition, its independence will no longer affect the relationship each element in the picture,
just as each pebble has its own independent and complete form, but once it will be paved with gravel, single pebble character is let in the rough road uniform.

**Modern Graphic Design Reduces the Requirement of Combination Within the Limits of the Aesthetic Style of the Times.** In modern design sense of the times at the same time, also can through the composition, visual center to establish the way in uniform and no center, has obvious visual center attributes of the main pattern arrangement of modern pattern scatter arrangement design, or in part within the scope of space with more traditional symmetrical or balanced composition instead, completely scattered point average modern pattern formation, provide space for folk blue and white fish dish. As for the effect of the main pattern and traditional pattern composition structure on the pattern of the sense of the times, you can color, uniform and other elements of the visual language form, a prominent sense of minimizing center pattern and clearly, on the other hand, the average of visual elements, strengthen the pattern of plane sense and sense of expansion, in order to ensure the overall pattern of modern design is even and balanced sense.

**The Modern Method Experiment of the Folk Blue and White Fish Dish Pattern**

In order to verify the application effect of the system according to the theory of folk blue and white fish plate pattern view drawn from the research of modern methods, this method by comparing the pattern of network delivery and feedback group, the test, the test method and the test results are as follows:

In the test, the author firstly according to the traditional pattern of the modern method of folk blue and white fish plate pattern recreation (test group), and with the use of modern graphic design elements of the folk blue and white fish plate (modern contrast group), the folk blue and white fish plate in simple pattern formed by the reconstruction pattern (traditional contrast group) three groups in folk blue and white fish dish based pattern creation, and drawing will be applied to the modern advertising space, application of electrical products decorative panel diagram, and then three groups of pattern and its application effect on the map of network media, the use of BBS voting and message feedback. After 7 days of delivery feedback after the total effective feedback to vote 1477 times. The inheritance of traditional folk blue and white fish plate pattern in the pattern that the test group can perform pattern characteristics of the folk blue and white fish plate pattern to vote for 971 times, accounting for 65.7% of the total number of votes; that modern contrast group can convey folk blue and white fish dish pattern characteristics of the vote for the 223 times, accounting for 15% of votes; that traditional contrast group performance characteristics of fish plate pattern to vote for 1107 times, accounting for the total number of votes from the 74.9%. feedback results, according to the method of re creation pattern in modern graphics compared with the comparison group for the skeleton, modern folk blue and white fish using scattered disk patterns of visual elements in the traditional pattern of the integration of the visual characteristics have obvious advantages comparison, group of historical small changes and the direct use of folk blue and white fish dish pattern gap in inheritance little. The folk blue and
white fish plate obtained the modern method of design has a good effect on the inheritance of the visual characteristics of traditional patterns.

The pattern in the sense of the times and in the modern visual communication application environment, the test group has a modern pattern that can be directly applied in the modern advertising and product design in voting for 877 copies, accounting for 59.3% of the total number of votes; that modern compared with modern, can be used in modern advertising and product design. The vote was 816, accounting for 55.2% of the total number of votes; that history compared with modern, can be used in modern advertising and product design in voting for 111 copies, accounting for the total number of voting 7%. Feedback from the audience, the folk blue and white fish plate pattern re creation of the visual sense of the times and practical design evaluation high, even higher than the contrast group of modern pattern based on the structure. Therefore, the utility of folk blue and white fish plate pattern the modern methods in the design environment and the modern sense of the times Sexual aspects have also been evaluated better.

At the same time, through the feedback message from BBS views visible in most of the surveyed audience feedback message expressed satisfaction with the test pattern creation according to this method, it does in the preservation of traditional pattern style at the same time, it has the ability to use in modern design.

Summary

This paper takes the system theory from the perspective of related ideas and basic methods and research tools, through the analysis of folk blue and white fish dish typical features of visual pattern, the other is to summarize the characteristics of organic form, smooth line drawing, three closed the independence of the shape characteristics of composition, and through to the modern graphic design the style of the times will be summarized, design of folk blue and white fish plate pattern and modern design requirements were compared between the modern design demand and traditional folk blue and white fish plate pattern exists modern design simple organic demand and traditional pattern; the independence of the combination of the demand of modern pattern design and traditional pattern; three closed difference open demand of modern and traditional pattern design, and then take the way of systematic analysis, the relationship between the various elements and their balance, too The folk blue and white fish plate pattern after simplification and combination of re creation to adapt to modern design requirements, at the same time, modern designs can also be based on the composition of the selection and arrangement of visual elements, other characteristics to the traditional pattern, so that the two sides mutual fit, it can maintain the folk blue and white fish disk pattern visual features of inheritance, but also to meet modern design requirements, with a sense of the times and can apply modern design patterns and creative ideas.
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