

**Foshan Huayi Ceramic Colours Co.,Ltd**

**PRODUCTS  
CATALOGUE**





## About Us







**FOSHAN HUAYI CERAMIC COLOURS CO.LTD** is one of top-ranking Ceramic colour manufacturer in China. It is a joint venture company established in 2007, located in Changjiang Industry district, Gaoming, Foshan, China. Our products are widely used in ceramic tile, sanitary ware, tableware and artist ceramic field. HUAYI factory is covering an area of more than 20000 square meters, with production capacity of 2000MT per year, which are exported to more than 30 countries and regions. HUAYI owns perfect and advanced testing instrument, strict supervision and quality control .

We know that present and future of the ceramic industry depend on research, so we follow every day the road of innovation, hoping that our ideas can help you to anticipate the future.

Also, we promise we can supply you goods with a high quality and suitable price. That promise is confirmed by our world's advanced Technology from Italy.





# GLAZE PIGMENTS

## 1. PR—YELLOW SERIES

Code	Description	Color	Composition	Firing Temperature	Fire Atmosphere
HC4/410	Pr. Yellow		Pr-Zr-Si	1050~1250°C	Oxidization
HC4/416	Pr. Yellow		Pr-Zr-Si	1050~1250°C	Oxidization
HC4/418	Pr. Yellow		Pr-Zr-Si	1050~1250°C	Oxidization
HC4/420	Pr. Yellow		Pr-Zr-Si	1050~1250°C	Oxidization
HC4/421	Pr. Yellow		Pr-Zr-Si	1050~1250°C	Oxidization
HC4/422	Pr. Yellow		Pr-Zr-Si	1050~1250°C	Oxidization

• Suitable for all kinds of glazed, especially in zirconium opaque glazes.  
 • Color is most stable when mixed with the three essential color of zirconium base. Please do not mix with pigments of Sn-Ca-Cr stable.

## 2. MAROON SERIES

Code	Description	Color	Composition	Firing Temperature	Fire Atmosphere
HC9/971	Maroon		Cr-Sn-Si	1050~1250°C	Oxidization
HC9/972	Maroon		Cr-Sn-Si	1050~1250°C	Oxidization
HC9/973	Maroon		Cr-Sn-Si	1050~1250°C	Oxidization
HC9/974	Maroon		Cr-Sn-Si	1050~1250°C	Oxidization

Suitable for Calcium, Pb and Ba glazes but not for high zinc and boron glazes.

- The stability will be strengthened if some tin oxide and Limestone are added.
- Restoring impurities such as Cu, Fe or Al will lead to color fading partly and speckles on the surface after firing!
- Recommended to be used by mixing with other Co or Sn pigments.
- Not suitable for high Mg glaze.
- The color is pure and stable in all basic glazes.
- Enhance brightness in high Zn-glaze.
- Unfit to be blended with ceramic pigment that contains tin.

## 3. IRON RED SERIES

Code	Description	Color	Composition	Firing Temperature	Fire Atmosphere
HC6/610	Iron Red		Zr-Fe-Si	1050~1250°C	Oxidization
HC6/611	Iron Red		Zr-Fe-Si	1050~1250°C	Oxidization
HC6/612	Iron Red		Zr-Fe-Si	1050~1250°C	Oxidization
HC6/613	Iron Red		Zr-Fe-Si	1050~1250°C	Oxidization







- The color is pure and stable in Zirconium opaque glaze.
- Brightness in low ZnO glaze and low Pb glaze.
- Suitable for mixing with V-Zr blue and Pr-Yellow colors.

#### 4. BROWN SERIES

Code	Description	Color	Composition	Firing Temperature	Fire Atmosphere
HC5/501	Golden Brown		Fe-Al-Cr-Zn	1050~1300℃	Oxidization
HC5/502	Golden Red		Fe-Al-Cr-Zn	1050~1300℃	Oxidization
HC5/503	Golden Brown		Fe-Al-Cr-Zn	1050~1300℃	Oxidization
HC5/504	Golden Brown		Fe-Al-Cr-Zn	1050~1300℃	Oxidization
HC5/505	Golden Brown		Fe-Al-Cr-Zn	1050~1300℃	Oxidization
HC5/506	Golden Brown		Fe-Al-Cr-Zn	1050~1300℃	Oxidization
HC5/520	Red Brown		Fe-Al-Cr-Zn	1050~1300℃	Oxidization
HC5/521	Red Brown		Fe-Al-Cr-Zn	1050~1300℃	Oxidization
HC5/530	Dark brown		Fe-Al-Cr-Zn	1050~1300℃	Oxidization
HC5/540	Black brown		Fe-Al-Cr-Zn	1050~1300℃	Oxidization
HC5/550	Coffee		Fe-Al-Cr-Zn	1050~1300℃	Oxidization




- The color is pure and stable in all basic glazes.
- Enhance brightness in high Zn-glaze.
- Unfit to be blended with ceramic pigment that contains tin.

## 5、 GREEN SERIES

Code	Description	Color	Composition	Firing Temperature	Fire Atmosphere
HC3/310	Fruit Green		V-Pr-Zr-Si	1050~1250°C	Oxidization
HC3/312	Fruit Green		V-Pr-Zr-Si	1050~1250°C	Oxidization
HC3/320	Peacock Green		Cr-Co-Si	1050~1250°C	Oxidization
HC3/321	Peacock Green		Cr-Co-Si	1050~1250°C	Oxidization
HC3/330	Grass Green		Cr-Al	1050~1250°C	Oxidization
HC3/331	Grass Green		Cr-Al	1050~1250°C	Oxidization





• Suitable for all kinds of glazed, especially in zirconium opaque glazes.  
 • Color is most stable when mixed with the three essential color of zirconium base. Please do not mix with pigments of Sn-Ca-Cr stable.

## 6. TURQUOISE BLUE

Code	Description	Color	Composition	Firing Temperature	Fire Atmosphere
HC2/270	T. Blue		V- Si-Zr	1050~1300°C	Oxidization
HC2/275	T. Blue		V- Si-Zr	1050~1300°C	Oxidization
HC2/276	T. Blue		V- Si-Zr	1050~1300°C	Oxidization




• Color is bright, stable and suitable for the most basic glazes.  
 • Can not be mixed with the color with Sn.  
 • if mix with color of Pr-yellow can make the color of fruit green.  
 align="left"> • Color appears weak if containers too much MgO in the glaze.

## 7. BLACK SERIES

Code	Description	Color	Composition	Firing Temperature	Fire Atmosphere
HC1/103	BLACK		Fe-Ni-Cr	1050~1300°C	Oxidization
HC1/105	BLACK		Co-Fe-Ni-Cr	1050~1300°C	Oxidization
HC1/106	BLACK		Co-Fe-Ni-Cr	1050~1300°C	Oxidization
HC1/107	BLACK		Mn-Cr-Ni-Co	1050~1300°C	Oxidization





• The color is enhanced in low ZnO and MgO glazes.  
 • Most stable and strongest coloration in calcium glazes

## 8. V—YELLOW SERIES

Code	Description	Color	Composition	Firing Temperature	Fire Atmosphere
HC2/230	V—YELLOW		Zr-V	1050~1300°C	Oxidization
HC2/231	V—YELLOW		Zr-V	1050~1300°C	Oxidization
HC2/232	V—YELLOW		Zr-V	1050~1300°C	Oxidization






• The color is stronger in low-Zinc glazes.  
 • The color is brighter in the glazes of low-Si, low Pb and Zr-opaque.  
 • Be unsuitable for high Pb, high Zn, high Ca and high Boron base glazes

## 9、GREY SERIES

Code	Description	Color	Composition	Firing Temperature	Fire Atmosphere
HC8/801	Grey		Sn-Sb	1050~1300°C	Oxidization
HC8/802	Grey		Sn-Sb	1050~1300°C	Oxidization
HC8/803	Grey		Co-Nl-Si-Zr	1050~1300°C	Oxidization
HC8/804	Dark Grey		Co-Nl-Si-Zr	1050~1300°C	Oxidization





• Suitable for all kinds of basic glazes, stable in high temperature.  
 • Excellent result with Zr-Glazes, but not with Cr-color.

## 10. COBALT BLUE SERIES

Code	Description	Color	Composition	Firing Temperature	Fire Atmosphere
HC2/210	Cobalt Blue		Co-Al-Zn	1050~1300°C	Oxidization
HC2/211	Cobalt Blue		Co-Al-Zn	1050~1300°C	Oxidization
HC2/212	Cobalt Blue		Co-Al	1050~1300°C	Oxidization
HC2/213	Cobalt Blue		Co-Si	1050~1300°C	Oxidization
HC2/214	Cobalt Blue		Co-Al-Cr	1050~1300°C	Oxidization





• Color is stable in all basic glazes.  
 • Enhance brightness in low Zn-glaze.  
 • Lilac color and violet color can be obtained by mixing with Maroon pigments.

## 11、GREY SERIES

Code	Description	Color	Composition	Firing Temperature	Fire Atmosphere
HC8/801	Grey		Sn-Sb	1050~1300°C	Oxidization
HC8/802	Grey		Sn-Sb	1050~1300°C	Oxidization
HC8/803	Grey		Co-Ni-Si-Zr	1050~1300°C	Oxidization
HC8/804	Dark Grey		Co-Ni-Si-Zr	1050~1300°C	Oxidization


- Suitable for all kinds of basic glazes, stable in high temperature.
- Excellent result with Zr-opaque Glazes, but not with Cr-color.

## 12、INCLUSION PIGMENT SERIES

Code	Description	Color	Composition	Firing Temperature	Fire Atmosphere
HC7/701	Red		Cd-Se-Zr-Si	980~1250°C	Oxidization
HC7/702	Red		Cd-Se-Zr-Si	980~1250°C	Oxidization
HC7/703	Dark Red		Cd-Se-Zr-Si	980~1250°C	Oxidization
HC7/705	Yellow		Cd-Se-Zr-Si	980~1250°C	Oxidization

- Suitable for all kinds of Pb.Ca.Boron-glazes.
- Suitable for all kinds of ceramic production.

## 13.LILAC SERIES

Code	Description	Color	Composition	Firing Temperature	Fire Atmosphere
HC9/910	Lilac		Sn-Cr	1050~1300°C	Oxidization

- Color is stable in all basic glazes.
- Enhance brightness in low Zn-glaze.
- Lilac color and violet color can be obtained by mixing Maroon pigments