

Converting Colors

Hex(758CC5)

Have a look what the booklet for
Hex(758CC5) contains.

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Color

Hex(758CC5)

Conversions

Conversions Part 1

Format	Color
Hex	758CC5
RGB	117, 140, 197
RGB Percent	46%, 55%, 77%
CMY	0.5412, 0.4510, 0.2275
CMYK	0.41, 0.29, 0.00, 0.23
HSL	223°, 41%, 62%
HSV	223°, 41%, 77%
XYZ	26.7922, 26.5693, 56.5396
YIQ	139.6210, -32.0050, 12.8510

Conversions

Conversions Part 2

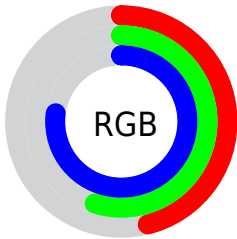
Format	Color
RYB	117, 135, 197
Decimal	7703749
CIELab	58.57, 6.40, -32.18
CIELCh	59, 32.809, 281.251
Yxy	26.5693, 0.2438, 0.2418
Android (android.graphics.Color)	4285893829 (0xFF758CC5)
YUV	139.6210, 28.2878, -19.8386
Hunter-Lab	51.5454, 2.5762, -28.9528

Details

The Hex color **758CC5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C5AE75**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **ACC1FE**, and **405A8F** is the 20% darker color. If you saturate the color by 10%, you get **617EC5**, and if you desaturate by 10%, it is **899AC5**.

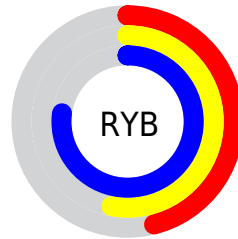
Distribution



Red (46%)

Green (55%)

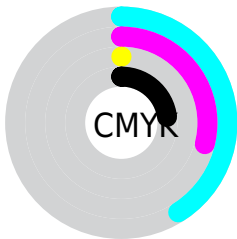
Blue (77%)



Red (46%)

Yellow (53%)

Blue (77%)

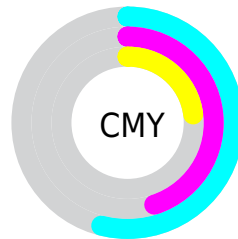


Cyan (41%)

Magenta (29%)

Yellow (0%)

Black (23%)



Cyan (54%)

Magenta (45%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758CC5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 758CC5 by changing the saturation by 10% instead.

■ 758CC5

■ 758CC5

FFFFFF

■ 5A73AA

■ ACC1FE

■ 405A8F

■ C8DDFF

■ 244375

■ E5FAFF

■ 002D5C

■ 001944

■ 00032E

■ 000118

■ 000000

■ 758CC5

■ 758CC5

■ 617EC5

■ 899AC5

■ 4E70C5

■ 9CA8C5

■ 3A62C5

■ B0B6C5

■ 2654C5

■ C4C4C5

■ 1246C5

■ D8D2C5

■ 0039C5

■ EBE0C5

■ FFEEC5

■ FFFCC5

■ FFFFC5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4395C3



758CC5



9E81B8

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



758CC5



C07C68



519B79

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



758CC5



C5AE75

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



759661



758CC5



AF8557

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



758CC5



C57783



958F54



289C97

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



758CC5



B27BA9



958F54



5E9A70

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



758CC5



E0E9FF



75C5AD



6E7380



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



758CC5



82A6FF



8575C5



5A5C63



002FA3



000A24

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C5758C



FF82A6



B5C575



635A5C



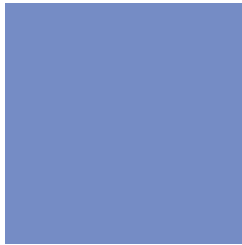
A3002F



24000A

Previews

White Background



This preview shows how the Hex color 758CC5 looks on a white background.

Color Contrast Check

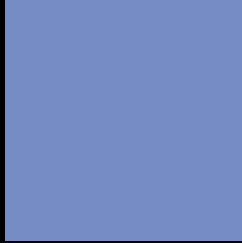
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 758CC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

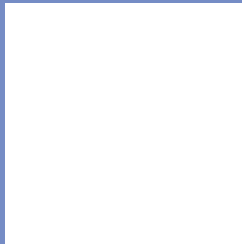
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 758CC5 Background



This preview shows how black text looks on a background with the Hex color 758CC5.



This preview shows how white text looks on a background with the Hex color 758CC5.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
758CC5

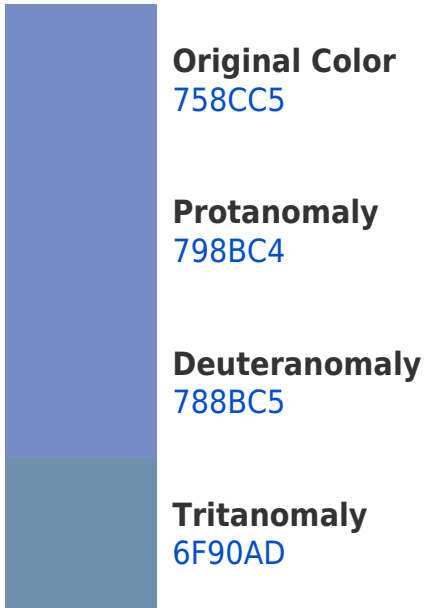
Protanopia
7B8BC4

Deuteranopia
798BC5

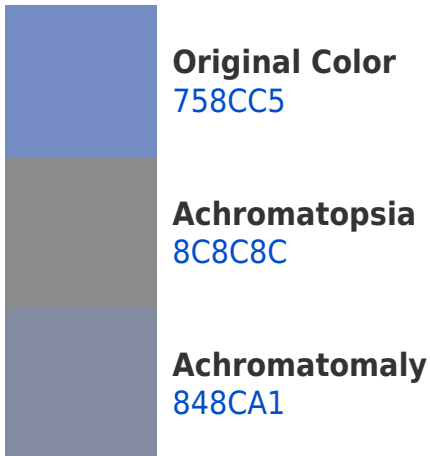


Tritanopia
6B939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 758CC5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #758CC5 looks like.

```
.text, #text, p{  
    color:#758CC5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #758CC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758CC5
}
```

Border

The CSS property to change the border of an element to Hex 758CC5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#758CC5 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#758CC5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #758CC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758CC5; -webkit-box-shadow:4px 4px  
4px 4px #758CC5; box-shadow:4px 4px 4px  
4px #758CC5 }
```

Background

The CSS property to change the background color of an element to Hex 758CC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758CC5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#758CC5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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