

Converting Colors

Hex(758FC3)

Have a look what the booklet for
Hex(758FC3) contains.

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Color

Hex(758FC3)

Conversions

Conversions Part 1

Format	Color
Hex	758FC3
RGB	117, 143, 195
RGB Percent	46%, 56%, 76%
CMY	0.5412, 0.4392, 0.2353
CMYK	0.40, 0.27, 0.00, 0.24
HSL	220°, 39%, 61%
HSV	220°, 40%, 76%
XYZ	27.0089, 27.3670, 55.4886
YIQ	141.1540, -32.1880, 10.6600

Conversions

Conversions Part 2

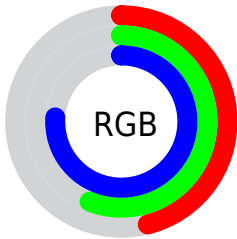
Format	Color
R_{YB}	117, 137, 195
Decimal	7704515
CIE _{Lab}	59.31, 4.10, -29.90
CIE _{LCh}	59, 30.182, 277.802
Yxy	27.3670, 0.2458, 0.2491
Android (android.graphics.Color)	4285894595 (0xFF758FC3)
YUV	141.1540, 26.5461, -21.1831
Hunter-Lab	52.3134, 0.6092, -26.2692

Details

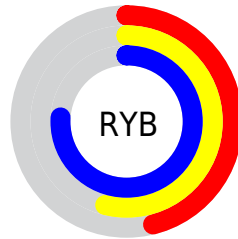
The Hex color **758FC3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C3A975**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **ACC5FC**, and **405D8D** is the 20% darker color. If you saturate the color by 10%, you get **6282C3**, and if you desaturate by 10%, it is **889CC3**.

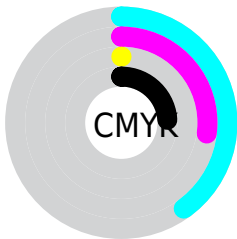
Distribution



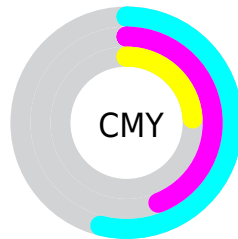
- Red (46%)
- Green (56%)
- Blue (76%)



- Red (46%)
- Yellow (54%)
- Blue (76%)



- Cyan (40%)
- Magenta (27%)
- Yellow (0%)
- Black (24%)



- Cyan (54%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 758FC3 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 758FC3 by changing the saturation by 10% instead.

■ 758FC3

■ 758FC3

FFFFFF

■ 5A75A8

■ ACC5FC

■ 405D8D

■ C8E0FF

■ 254673

■ E4FDFF

■ 00305B

■ 001B43

■ 00022C

■ 000117

■ 000000

■ 758FC3

■ 758FC3

■ 6282C3

■ 889CC3

■ 4E75C3

■ 9CA9C3

■ 3B68C3

■ B0B6C3

■ 275BC3

■ C3C3C3

■ 134EC3

■ D7D0C3

■ 0041C3

■ EADDC3

■ FEEAC3

■ FFF7C3

■ FFFFC3

Harmonies

Analogous

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



4B97BF



758FC3



9B85B9

Triad

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



758FC3



C07E70



5D9C7A

Complementary

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



758FC3



C3A975

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.



7D9764



758FC3



B1865E

Square

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



758FC3



C27A89



9A8F5A



3D9D95

Rectangle

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



758FC3



AF80AB



9A8F5A



689A72

Sweetspot

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



758FC3



DEE8FC



75C3A9



6E7480



000000



808080

Same Dimension

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



758FC3



83ACFC



8275C3



575A61



0036A1



000B21

Inverse Universe

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



C3758F



FC83AC



B6C375



61575A



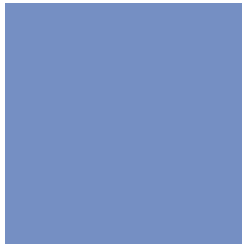
A10036



21000B

Previews

White Background



This preview shows how the Hex color 758FC3 looks on a white background.

Color Contrast Check

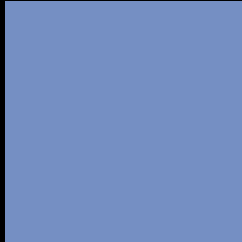
Large Text (above 18pt) WCAG AA ✓ Pass

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 758FC3 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

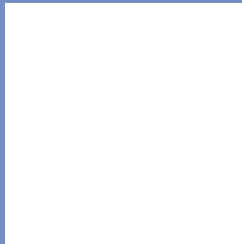
Any Text WCAG AAA × Fail

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

Hex 758FC3 Background



This preview shows how black text looks on a background with the Hex color 758FC3.



This preview shows how white text looks on a background with the Hex color 758FC3.

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
758FC3

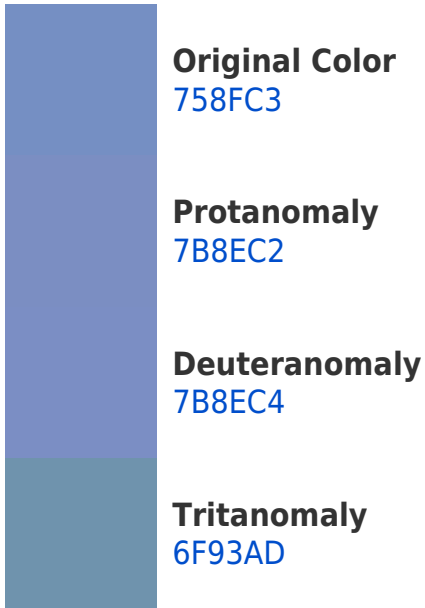
Protanopia
7F8DC1

Deuteranopia
7E8DC4

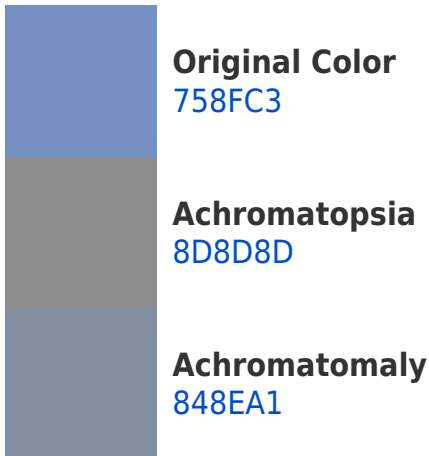


Tritanopia
6C95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 758FC3 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 #758FC3 looks like.

```
.text, #text, p{  
    color:#758FC3  
}
```

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 #758FC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758FC3  
}
```

Border

The CSS property to change the border of an element to Hex 758FC3 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  
#758FC3 }
```

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

```
.border{ border-color:#758FC3 }
```

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

Here you see how a box with a 4 pixel #758FC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758FC3; -webkit-box-shadow:4px 4px  
4px 4px #758FC3; box-shadow:4px 4px 4px  
4px #758FC3 }
```

Background

The CSS property to change the background color of an element to Hex 758FC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758FC3 }
```

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

```
.background{ background-color:#758FC3 }
```

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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