

# Converting Colors

Hex(758EC2)

Have a look what the booklet for  
Hex(758EC2) contains.

<b>Hex(758EC2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(758EC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	758EC2
RGB	117, 142, 194
RGB Percent	46%, 56%, 76%
CMY	0.5412, 0.4431, 0.2392
CMYK	0.40, 0.27, 0.00, 0.24
HSL	221°, 39%, 61%
HSV	221°, 40%, 76%
XYZ	26.7467, 27.0230, 54.8452
YIQ	140.4530, -31.5920, 10.8720

# Conversions

## Conversions Part 2

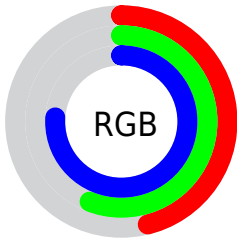
Format	Color
<a href="#">RYB</a>	<a href="#">117, 136, 194</a>
Decimal	<a href="#">7704258</a>
CIELab	<a href="#">59.00, 4.40, -29.83</a>
CIElCh	<a href="#">59, 30.151, 278.384</a>
Yxy	<a href="#">27.0230, 0.2463, 0.2488</a>
Android (android.graphics.Color)	<a href="#">4285894338 (0xFF758EC2)</a>
YUV	<a href="#">140.4530, 26.3987, -20.5683</a>
Hunter-Lab	<a href="#">51.9836, 0.8709, -26.1653</a>

# Details

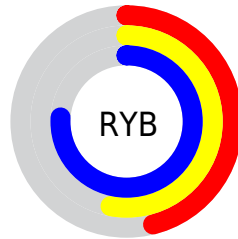
The Hex color **758EC2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C2A975**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **ACC4FB**, and **405C8C** is the 20% darker color. If you saturate the color by 10%, you get **6281C2**, and if you desaturate by 10%, it is **889BC2**.

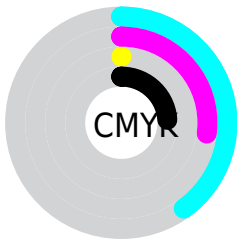
# Distribution



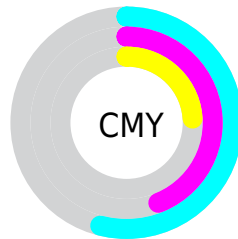
- Red (46%)
- Green (56%)
- Blue (76%)



- Red (46%)
- Yellow (53%)
- 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 758EC2 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 758EC2 by changing the saturation by 10% instead.



■ 758EC2

■ 758EC2

FFFFFF

■ 5B75A7

■ ACC4FB

■ 405C8C

■ C8DFFF

■ 254572

■ E4FCFF

■ 012F5A

■ 001A42

■ 00032C

■ 000116

■ 000000

■ 758EC2

■ 758EC2

■ 6281C2

■ 889BC2

■ 4E74C2

■ 9CA8C2

■ 3B67C2

■ AFB5C2

■ 275AC2

■ C3C2C2

■ 144CC2

■ D6D0C2

■ 013FC2

■ E9DDC2

■ 003FC2

■ FDEAC2

■ FFF7C2

■ FFFFC2

# Harmonies

## Analogous

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



4B96BF



758EC2



9B84B8

# Triad

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



758EC2



BF7E6E



5C9B7A

# Complementary

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



758EC2



C2A975

# 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.



7C9664



758EC2



B0865D

# Square

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



758EC2



C27A87



998F59



3C9C95

# Rectangle

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



758EC2



AE7FAA



998F59



679A71



# Sweetspot

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



758EC2



DEE8FC



75C2A8



6E7380



000000



808080



# Same Dimension

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



758EC2



83ABFC



8275C2



575A61



0034A1



000B21



# Inverse Universe

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



C2758E



FC83AB



B5C275



61575A



A10034

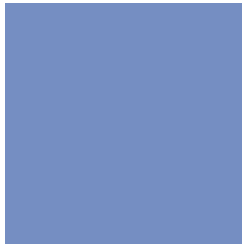


21000B



# Previews

## White Background



This preview shows how the Hex color 758EC2 looks on a white background.

## Color Contrast Check

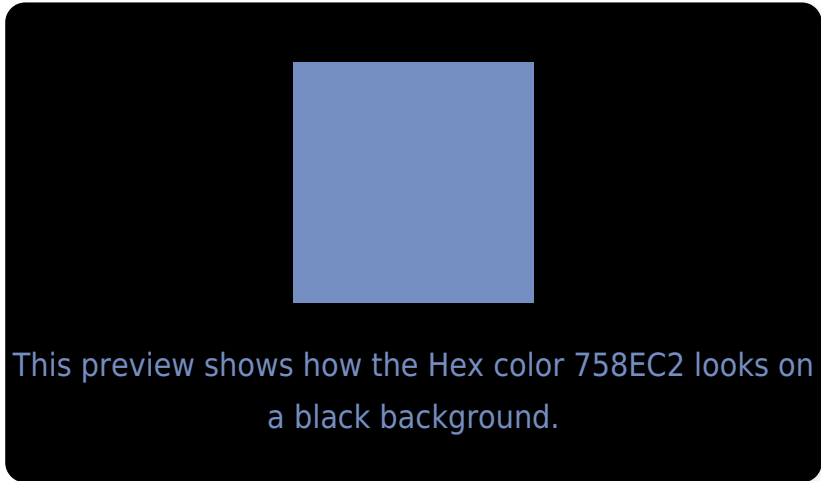
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

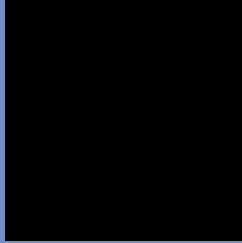
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

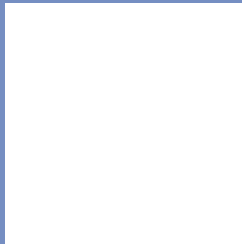
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 758EC2 Background



This preview shows how black text looks on a background with the Hex color 758EC2.



This preview shows how white text looks on a background with the Hex color 758EC2.

# 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](#).

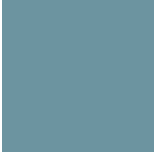
## Dichromacy



**Original Color**  
758EC2

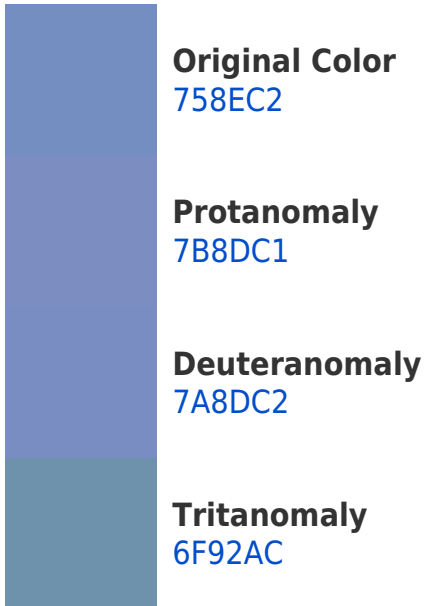
**Protanopia**  
7E8CC0

**Deuteranopia**  
7D8CC2

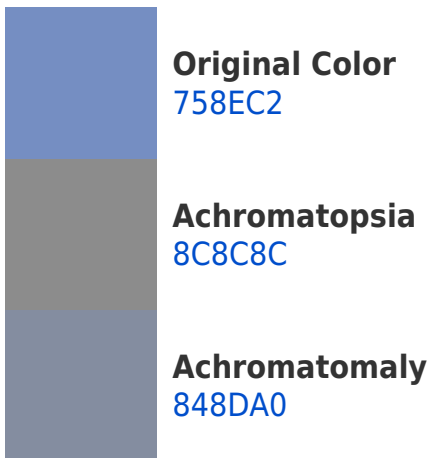


**Tritanopia**  
6C94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 758EC2 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 #758EC2 looks like.

```
.text, #text, p{  
    color:#758EC2  
}
```

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 #758EC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758EC2
}
```

## Border

The CSS property to change the border of an element to Hex 758EC2 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
#758EC2 }
```

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

```
.border{ border-color:#758EC2 }
```

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

Here you see how a box with a 4 pixel #758EC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758EC2; -webkit-box-shadow:4px 4px  
4px 4px #758EC2; box-shadow:4px 4px 4px  
4px #758EC2 }
```

# Background

The CSS property to change the background color of an element to Hex 758EC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758EC2 }
```

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

```
.background{ background-color:#758EC2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor