

# Converting Colors

Hex(658FC7)

Have a look what the booklet for  
Hex(658FC7) contains.

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# Color

**Hex(658FC7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	658FC7
RGB	101, 143, 199
RGB Percent	40%, 56%, 78%
CMY	0.6039, 0.4392, 0.2196
CMYK	0.49, 0.28, 0.00, 0.22
HSL	214°, 47%, 59%
HSV	214°, 49%, 78%
XYZ	25.4981, 26.5351, 57.8107
YIQ	136.8260, -43.0080, 8.5120

# Conversions

## Conversions Part 2

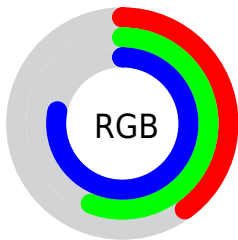
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 130, 199
Decimal	6655943
CIE <sub>Lab</sub>	58.54, 1.17, -33.43
CIE <sub>LCh</sub>	59, 33.450, 272.010
Yxy	26.5351, 0.2321, 0.2416
Android (android.graphics.Color)	4284846023 (0xFF658FC7)
YUV	136.8260, 30.6518, -31.4194
Hunter-Lab	51.5123, -1.7907, -30.4809

# Details

The Hex color **658FC7** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **C79D65**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9DC5FF**, and **2B5D91** is the 20% darker color. If you saturate the color by 10%, you get **5184C7**, and if you desaturate by 10%, it is **799AC7**.

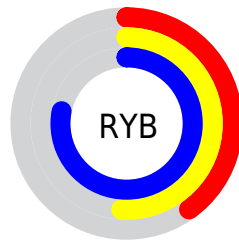
# Distribution



Red (40%)

Green (56%)

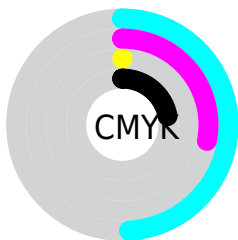
Blue (78%)



Red (40%)

Yellow (51%)

Blue (78%)

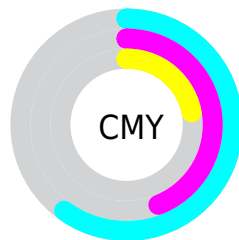


Cyan (49%)

Magenta (28%)

Yellow (0%)

Black (22%)



Cyan (60%)

Magenta (44%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 658FC7 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 658FC7 by changing the saturation by 10% instead.



■ 658FC7

FFFFFF

■ 9DC5FF

■ B9E0FF

■ D6FDFF

■ F3FFFF

■ 658FC7

■ 4976AC

■ 2B5D91

■ 004677

■ 00305E

■ 001B46

■ 00042F

■ 00011A

■ 000000

■ 658FC7

■ 658FC7

■ 5184C7

■ 799AC7

■ 3D78C7

■ 8DA6C7

■ 296DC7

■ A1B1C7

■ 1562C7

■ B5BCC7

■ 0156C7

■ C9C8C7

■ 0055C7

■ DCD3C7

■ F0DFC7

■ FFEAC7

■ FFF5C7

# Harmonies

## Analogous

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



2E97C0



658FC7



9384BE

# Triad

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



658FC7



C4796F



5C9A70

# Complementary

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



658FC7



C79D65

# 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.



7F945A



658FC7



B6815A

# Square

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



658FC7



C4768C



9E8C52



329C8E

# Rectangle

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



658FC7



AA7EB1



9E8C52



689868

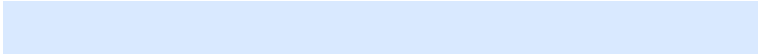


# Sweetspot

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



658FC7



D9E9FF



65C79D



697280



000000



808080

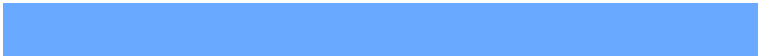


# Same Dimension

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



658FC7



69A9FF



6C65C7



5A5E63



0046A3



000F24



# Inverse Universe

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



C7658F



FF69A9



C0C765



635A5E



A30046

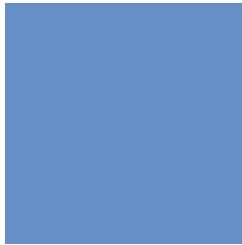


24000F



# Previews

## White Background



This preview shows how the Hex color 658FC7 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 658FC7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

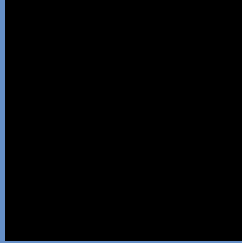
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

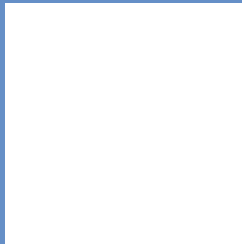
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 658FC7 Background



This preview shows how black text looks on a background with the Hex color 658FC7.

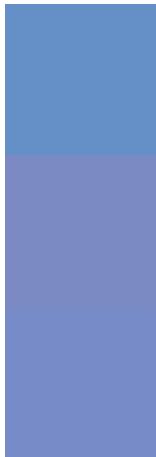


This preview shows how white text looks on a background with the Hex color 658FC7.

# 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**  
658FC7

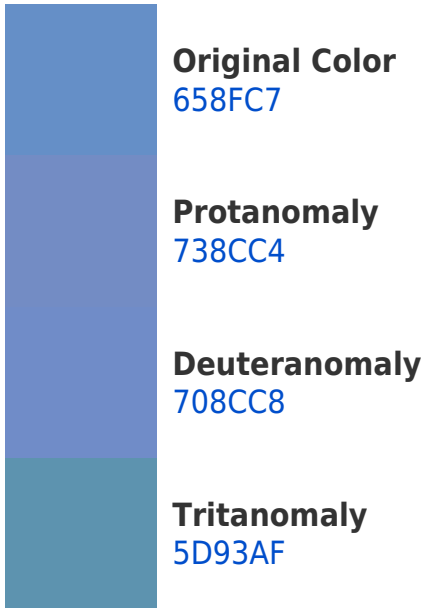
**Protanopia**  
7B8AC3

**Deuteranopia**  
768BC8

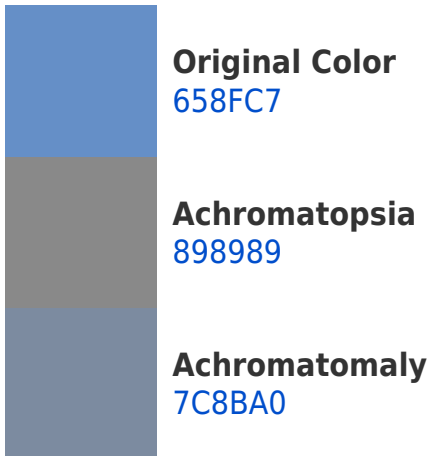


**Tritanopia**  
5996A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 658FC7 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 #658FC7 looks like.

```
.text, #text, p{  
    color:#658FC7  
}
```

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 #658FC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658FC7  
}
```

## Border

The CSS property to change the border of an element to Hex 658FC7 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  
#658FC7 }
```

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

```
.border{ border-color:#658FC7 }
```

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

Here you see how a box with a 4 pixel #658FC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658FC7; -webkit-box-shadow:4px 4px  
4px 4px #658FC7; box-shadow:4px 4px 4px  
4px #658FC7 }
```

# Background

The CSS property to change the background color of an element to Hex 658FC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658FC7 }
```

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

```
.background{ background-color:#658FC7 }
```

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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