

# Converting Colors

Hex(648CC1)

Have a look what the booklet for  
Hex(648CC1) contains.

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# Color

**Hex(648CC1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	648CC1
RGB	100, 140, 193
RGB Percent	39%, 55%, 76%
CMY	0.6078, 0.4510, 0.2431
CMYK	0.48, 0.27, 0.00, 0.24
HSL	214°, 43%, 57%
HSV	214°, 48%, 76%
XYZ	24.2593, 25.3157, 54.0599
YIQ	134.0820, -40.8530, 8.0030

# Conversions

## Conversions Part 2

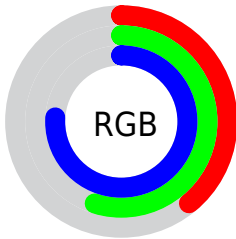
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 128, 193
Decimal	6589633
CIELab	57.38, 0.86, -31.85
CIELCh	57, 31.860, 271.551
Yxy	25.3157, 0.2341, 0.2443
Android (android.graphics.Color)	4284779713 (0xFF648CC1)
YUV	134.0820, 29.0466, -29.8899
Hunter-Lab	50.3148, -1.9871, -28.4829

# Details

The Hex color **648CC1** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **C19964**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9BC1FA**, and **2C5A8B** is the 20% darker color. If you saturate the color by 10%, you get **5181C1**, and if you desaturate by 10%, it is **7797C1**.

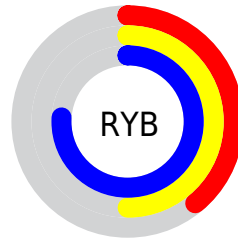
# Distribution



Red (39%)

Green (55%)

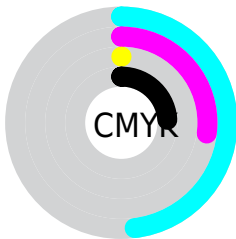
Blue (76%)



Red (39%)

Yellow (50%)

Blue (76%)

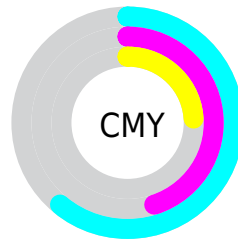


Cyan (48%)

Magenta (27%)

Yellow (0%)

Black (24%)



Cyan (61%)

Magenta (45%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 648CC1 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 648CC1 by changing the saturation by 10% instead.



■ 648CC1

■ 648CC1

FFFFFF

■ 4973A6

■ 9BC1FA

■ 2C5A8B

■ B7DDFF

■ 024371

■ D4FAFF

■ 002D59

■ F1FFFF

■ 001941

■ 00032B

■ 000115

■ 000000

■ 648CC1

■ 648CC1

■ 5181C1

■ 7797C1

■ 3D76C1

■ 8BA2C1

■ 2A6BC1

■ 9EADC1

■ 1760C1

■ B1B8C1

■ 0355C1

■ C5C3C1

■ 0053C1

■ D8CEC1

■ EBD9C1

■ FEE4C1

■ FFEFC1

# Harmonies

## Analogous

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



3394BA



648CC1



8F82B9

# Triad

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



648CC1



BF776E



5C966E

# Complementary

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



648CC1



C19964

# 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.



7E9159



648CC1



B27F5A

# Square

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



648CC1



BE7489



9B8952



37998A

# Rectangle

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



648CC1



A57BAD



9B8952



689566



# Sweetspot

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



648CC1



D7E6FA



64C199



68717D



FCFCFC



7D7D7D



# Same Dimension

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



648CC1



69A7FA



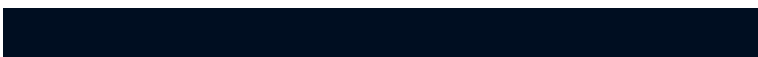
6A64C1



575B61



0045A1



000E21



# Inverse Universe

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



C1648C



FA69A7



BBC164



61575B



A10045



21000E



# Previews

## White Background



This preview shows how the Hex color 648CC1 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 648CC1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

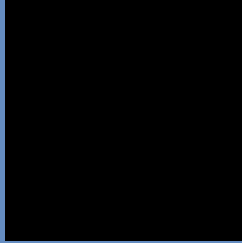
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

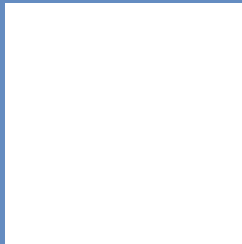
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 648CC1 Background



This preview shows how black text looks on a background with the Hex color 648CC1.

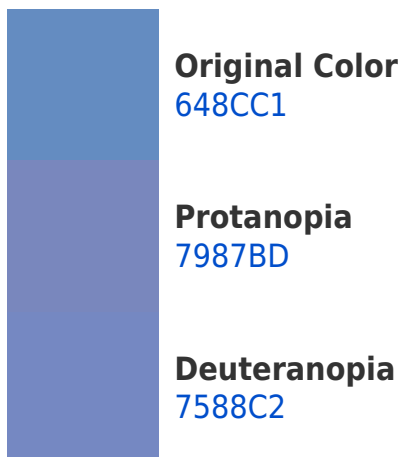


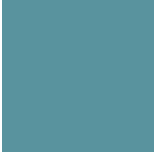
This preview shows how white text looks on a background with the Hex color 648CC1.

# 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](#).

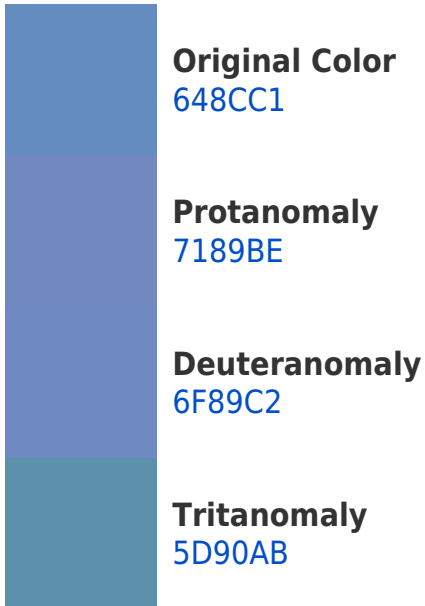
## Dichromacy



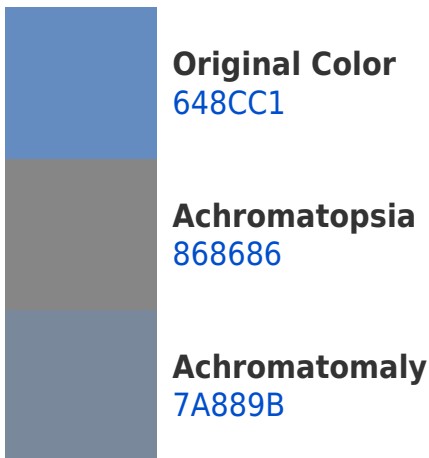


**Tritanopia**  
59939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 648CC1 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 #648CC1 looks like.

```
.text, #text, p{  
    color:#648CC1  
}
```

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 #648CC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648CC1  
}
```

## Border

The CSS property to change the border of an element to Hex 648CC1 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  
#648CC1 }
```

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

```
.border{ border-color:#648CC1 }
```

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

Here you see how a box with a 4 pixel #648CC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648CC1; -webkit-box-shadow:4px 4px  
4px 4px #648CC1; box-shadow:4px 4px 4px  
4px #648CC1 }
```

# Background

The CSS property to change the background color of an element to Hex 648CC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648CC1 }
```

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

```
.background{ background-color:#648CC1 }
```

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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