

# Converting Colors

Hex(667AC8)

Have a look what the booklet for  
Hex(667AC8) contains.

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# Color

**Hex(667AC8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	667AC8
RGB	102, 122, 200
RGB Percent	40%, 48%, 78%
CMY	0.6000, 0.5216, 0.2157
CMYK	0.49, 0.39, 0.00, 0.22
HSL	228°, 47%, 59%
HSV	228°, 49%, 78%
XYZ	22.8644, 20.9140, 57.4753
YIQ	124.9120, -36.9580, 20.0180

# Conversions

## Conversions Part 2

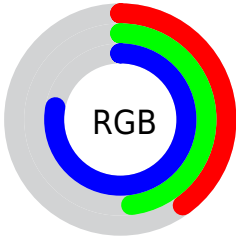
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 119, 200
Decimal	6716104
CIE <sub>Lab</sub>	52.86, 14.17, -42.92
CIE <sub>LCh</sub>	53, 45.200, 288.276
Yxy	20.9140, 0.2258, 0.2066
Android (android.graphics.Color)	4284906184 (0xFF667AC8)
YUV	124.9120, 37.0184, -20.0938
Hunter-Lab	45.7318, 9.2133, -42.5029

# Details

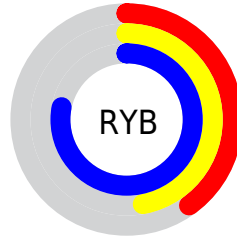
The Hex color **667AC8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C8B466**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **9EAEFF**, and **2C4A92** is the 20% darker color. If you saturate the color by 10%, you get **526AC8**, and if you desaturate by 10%, it is **7A8AC8**.

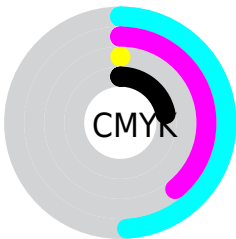
# Distribution



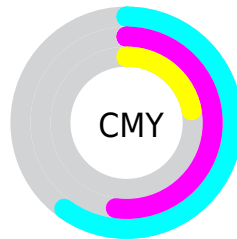
- Red (40%)
- Green (48%)
- Blue (78%)



- Red (40%)
- Yellow (47%)
- Blue (78%)



- Cyan (49%)
- Magenta (39%)
- Yellow (0%)
- Black (22%)



- Cyan (60%)
- Magenta (52%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 667AC8 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 667AC8 by changing the saturation by 10% instead.



■ 667AC8

■ 667AC8

FFFFFF

■ 4A61AC

■ 9EAEFF

■ 2C4A92

■ BAC9FF

■ 003477

■ D7E5FF

■ 001F5E

■ F5FFFF

■ 000746

■ 00042F

■ 000119

■ 000000

■ 667AC8

■ 667AC8

■ 526AC8

■ 7A8AC8

■ 3E5AC8

■ 8E9AC8

■ 2A4AC8

■ A2AAC8

■ 163AC8

■ B6BAC8

■ 022AC8

■ CACAC8

■ 0029C8

■ DEDAC8

■ F2E9C8

■ FFF9C8

■ FFFFC8

# Harmonies

## Analogous

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



0087CA



667AC8



9F6AB2

# Triad

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



667AC8



BB6846



00916D

# Complementary

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



667AC8



C8B466

# 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.



508C48



667AC8



A1772F

# Square

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



667AC8



C65D68



7D8330



009195

# Rectangle

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



667AC8



B6619C



7D8330



208F60



# Sweetspot

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



667AC8



D9E1FF



66C8B3



696D80



000000



808080



# Same Dimension

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



667AC8



6987FF



8266C8



5A5C63



0021A3



000724



# Inverse Universe

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



C8667A



FF6987



ACC866



635A5C



A30021

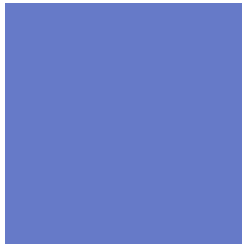


240007



# Previews

## White Background



This preview shows how the Hex color 667AC8 looks on a white background.

## Color Contrast Check

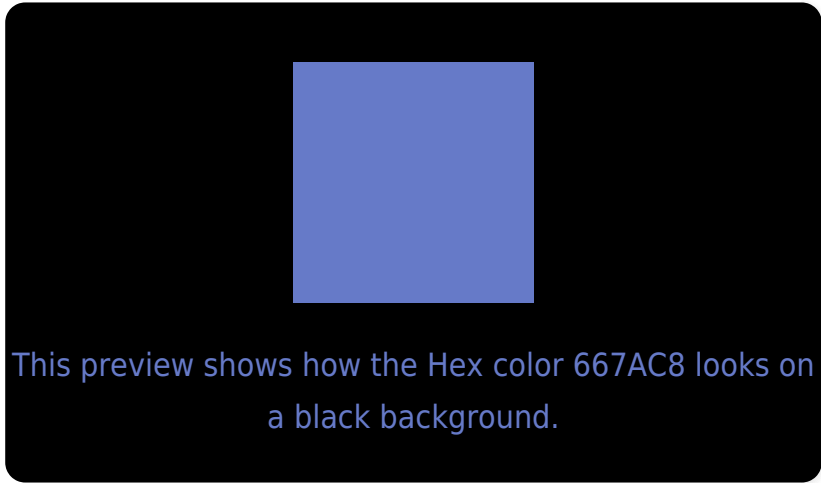
Large Text (above 18pt) WCAG AA ✓ Pass

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 667AC8 Background



This preview shows how black text looks on a background with the Hex color 667AC8.



This preview shows how white text looks on a background with the Hex color 667AC8.

# 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**  
667AC8

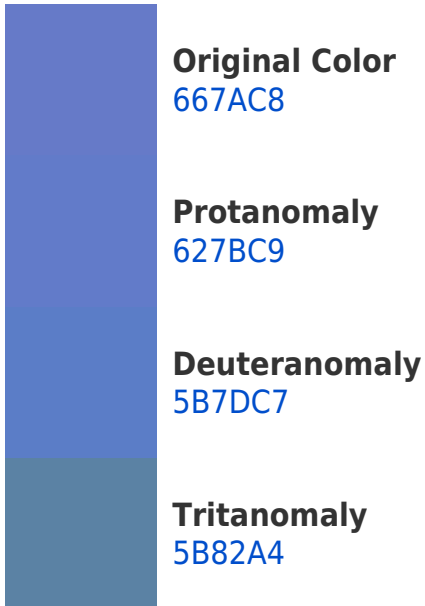
**Protanopia**  
607BC9

**Deuteranopia**  
557EC7

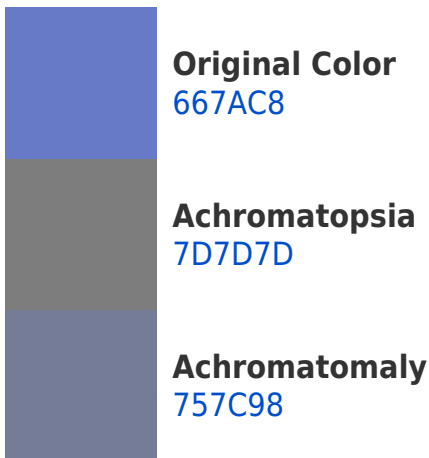


**Tritanopia**  
558690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 667AC8 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 #667AC8 looks like.

```
.text, #text, p{  
    color:#667AC8  
}
```

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 #667AC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667AC8
}
```

## Border

The CSS property to change the border of an element to Hex 667AC8 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
#667AC8 }
```

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

```
.border{ border-color:#667AC8 }
```

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

Here you see how a box with a 4 pixel #667AC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667AC8; -webkit-box-shadow:4px 4px  
4px 4px #667AC8; box-shadow:4px 4px 4px  
4px #667AC8 }
```

# Background

The CSS property to change the background color of an element to Hex 667AC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667AC8 }
```

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

```
.background{ background-color:#667AC8 }
```

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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