

# Converting Colors

Hex(667BCC)

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

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# Color

Hex(667BCC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	667BCC
RGB	102, 123, 204
RGB Percent	40%, 48%, 80%
CMY	0.6000, 0.5176, 0.2000
CMYK	0.50, 0.40, 0.00, 0.20
HSL	228°, 50%, 60%
HSV	228°, 50%, 80%
XYZ	23.4615, 21.3503, 60.0112
YIQ	125.9550, -38.5170, 20.7390

# Conversions

## Conversions Part 2

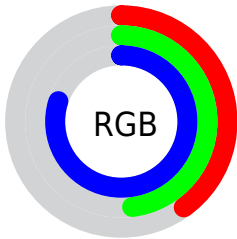
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 119, 204
Decimal	6716364
CIE <sub>Lab</sub>	53.33, 14.81, -44.44
CIE <sub>LCh</sub>	53, 46.845, 288.428
Yxy	21.3503, 0.2238, 0.2037
Android (android.graphics.Color)	4284906444 (0xFF667BCC)
YUV	125.9550, 38.4762, -21.0085
Hunter-Lab	46.2064, 9.7730, -44.6592

# Details

The Hex color **667BCC** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **CCB766**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9EAFFF**, and **2B4B95** is the 20% darker color. If you saturate the color by 10%, you get **526BCC**, and if you desaturate by 10%, it is **7A8BCC**.

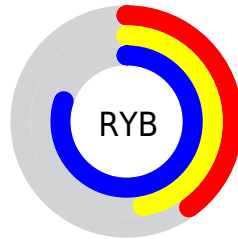
# Distribution



Red (40%)

Green (48%)

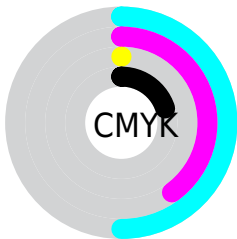
Blue (80%)



Red (40%)

Yellow (47%)

Blue (80%)

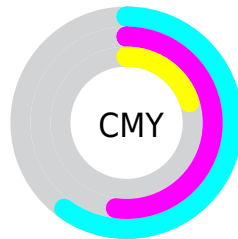


Cyan (50%)

Magenta (40%)

Yellow (0%)

Black (20%)



Cyan (60%)

Magenta (52%)

Yellow (20%)

# Brightness & Saturation Gradients

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



■ 667BCC

■ 667BCC

FFFFFF

■ 4A62B0

■ 9EAFFF

■ 2B4B95

■ BBCBFF

■ 00347B

■ D8E7FF

■ 002062

■ F5FFFF

■ 000949

■ 000432

■ 00021C

■ 000000

■ 667BCC

■ 667BCC

■ 526BCC

■ 7A8BCC

■ 3D5BCC

■ 8F9BCC

■ 294ACC

■ A3ACCC

■ 143ACC

■ B8BCCC

■ 002ACC

■ CCCCCC

■ E0DCCC

■ F5ECCC

■ FFFDCC

■ FFFFCC

# Harmonies

## Analogous

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



0088CE



667BCC



A16AB5

# Triad

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



667BCC



BE6844



00926E

# Complementary

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



667BCC



CCB766

# 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.



4E8E47



667BCC



A3782D

# Square

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



667BCC



CA5D68



7E852E



009398

# Rectangle

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



667BCC



B9619E



7E852E



189160



# Sweetspot

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



667BCC



D9E1FF



66CCB6



696D80



000000



808080



# Same Dimension

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



667BCC



6686FF



8366CC



5C5E66



0022A6



000826



# Inverse Universe

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



CC667B



FF6686



AFCC66



665C5E



A60022

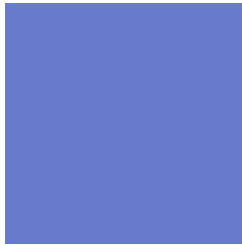


260008



# Previews

## White Background



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

## Color Contrast Check

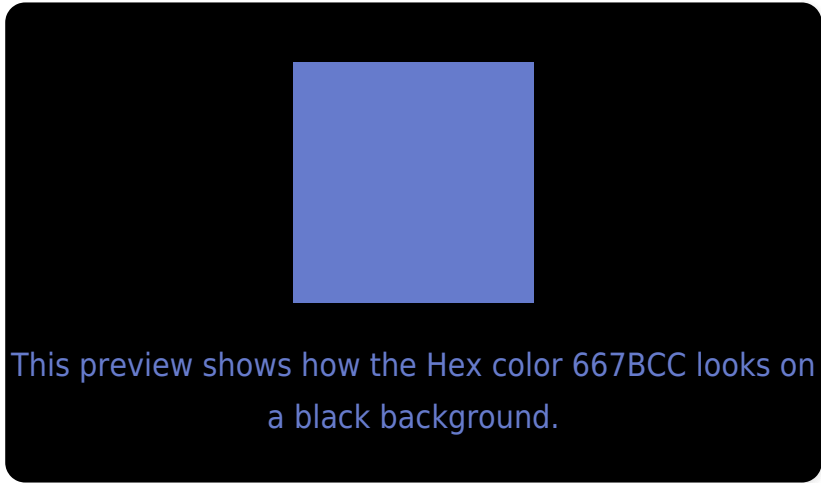
Large Text (above 18pt) WCAG AA ✓ Pass

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 667BCC Background



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

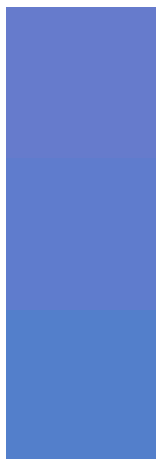


This preview shows how white text looks on a background with the Hex color 667BCC.

# 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**  
667BCC

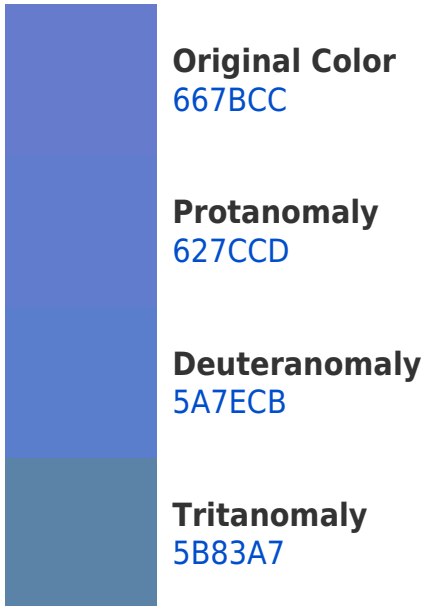
**Protanopia**  
5F7CCD

**Deuteranopia**  
537FCB

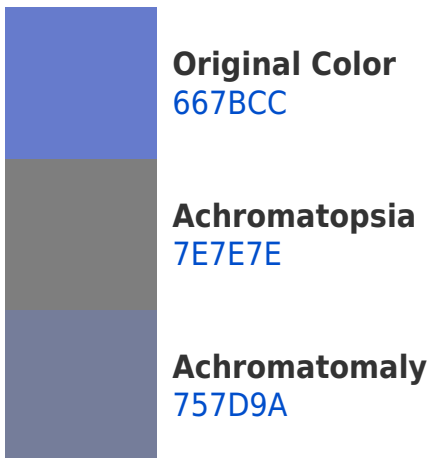


**Tritanopia**  
548792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #667BCC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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