

Converting Colors

Hex(678CCC)

Have a look what the booklet for
Hex(678CCC) contains.

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Color

Hex(678CCC)

Conversions

Conversions Part 1

Format	Color
Hex	678CCC
RGB	103, 140, 204
RGB Percent	40%, 55%, 80%
CMY	0.5961, 0.4510, 0.2000
CMYK	0.50, 0.31, 0.00, 0.20
HSL	218°, 50%, 60%
HSV	218°, 50%, 80%
XYZ	25.8707, 25.9994, 60.7816
YIQ	136.2330, -42.5960, 12.0600

Conversions

Conversions Part 2

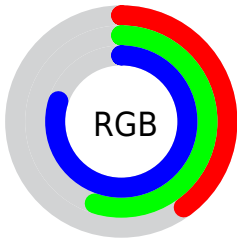
Format	Color
R_{YB}	103, 130, 204
Decimal	6786252
CIE Lab	58.04, 4.91, -37.03
CIE LCh	58, 37.353, 277.558
Yxy	25.9994, 0.2297, 0.2308
Android (android.graphics.Color)	4284976332 (0xFF678CCC)
YUV	136.2330, 33.4091, -29.1453
Hunter-Lab	50.9896, 1.3342, -34.9833

Details

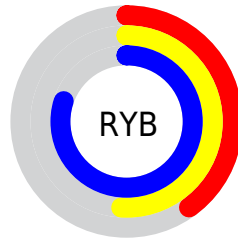
The Hex color **678CCC** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **CCA767**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9FC1FF**, and **2D5A95** is the 20% darker color. If you saturate the color by 10%, you get **537FCC**, and if you desaturate by 10%, it is **7B99CC**.

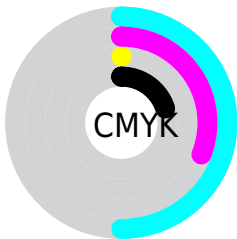
Distribution



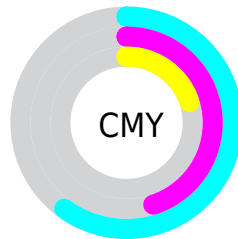
- Red (40%)
- Green (55%)
- Blue (80%)



- Red (40%)
- Yellow (51%)
- Blue (80%)



- Cyan (50%)
- Magenta (31%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678CCC 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 678CCC by changing the saturation by 10% instead.

■ 678CCC

■ 678CCC

FFFFFF

■ 4B73B0

■ 9FC1FF

■ 2D5A95

■ BBDDFF

■ 00437B

■ D8FAFF

■ 002D62

■ F6FFFF

■ 00194A

■ 000433

■ 00021D

■ 000000

■ 678CCC

■ 678CCC

■ 537FCC

■ 7B99CC

■ 3E72CC

■ 90A6CC

■ 2A65CC

■ A4B3CC

■ 1558CC

■ B9C0CC

■ 014BCC

■ CDCDCC

■ 004BCC

■ E1DACC

■ F6E6CC

■ FFF3CC

■ FFFFCC

Harmonies

Analogous

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



1896C7



678CCC



9A80BF

Triad

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



678CCC



C67665



4A9B71

Complementary

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



678CCC



CCA767

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.



759556



678CCC



B4814F

Square

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



678CCC



CA7184



988C49



009D93

Rectangle

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



678CCC



B278AF



988C49



5A9967

Sweetspot

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



678CCC



D9E7FF



67CCA7



697180



000000



808080

Same Dimension

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



678CCC



69A0FF



7467CC



5C6066



003DA6



000E26

Inverse Universe

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



CC678C



FF69A0



BFCC67



665C60



A6003D



26000E

Previews

White Background



This preview shows how the Hex color 678CCC looks on a white background.

Color Contrast Check

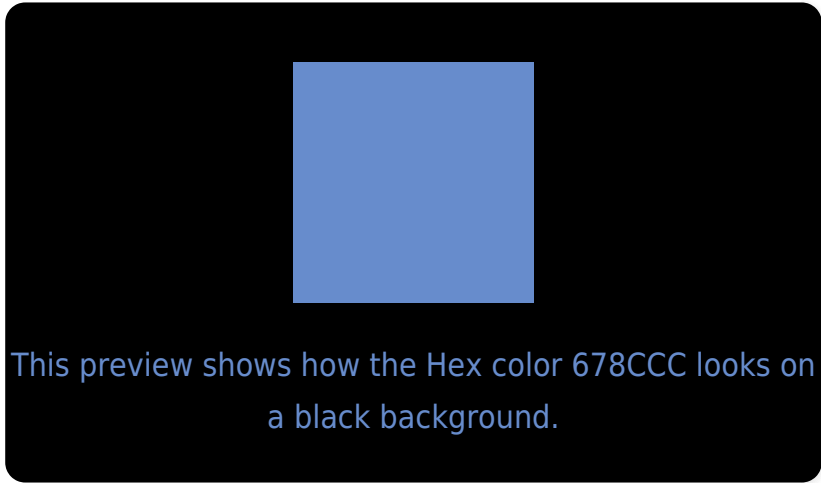
Large Text (above 18pt) WCAG AA ✓ Pass

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

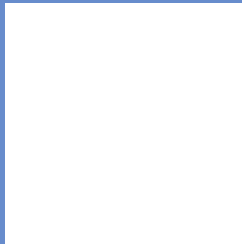
Any Text WCAG AAA × Fail

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

Hex 678CCC Background



This preview shows how black text looks on a background with the Hex color 678CCC.

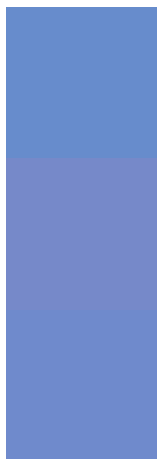


This preview shows how white text looks on a background with the Hex color 678CCC.

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
678CCC

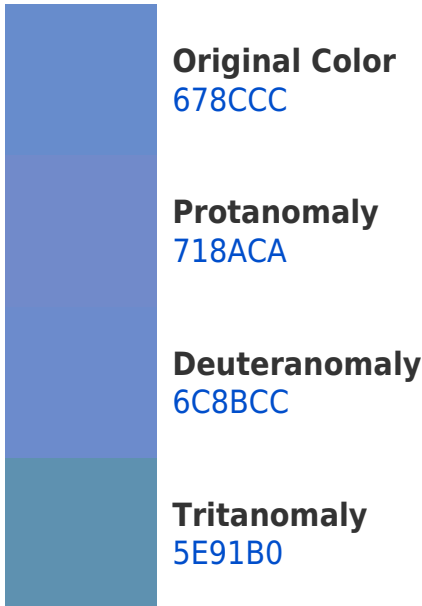
Protanopia
7689C9

Deuteranopia
6F8ACC

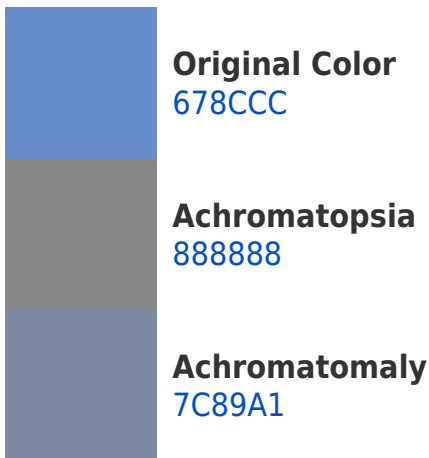


Tritanopia
5994A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 678CCC 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 #678CCC looks like.

```
.text, #text, p{  
    color:#678CCC  
}
```

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 #678CCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678CCC
}
```

Border

The CSS property to change the border of an element to Hex 678CCC is called "border". The border property can be set on classes, ids or directly on the HTML element.

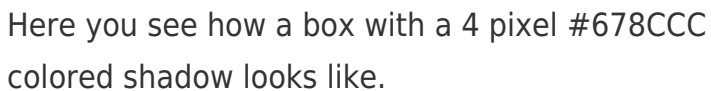
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#678CCC }
```

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

```
.border{ border-color:#678CCC }
```

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



Here you see how a box with a 4 pixel #678CCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678CCC; -webkit-box-shadow:4px 4px  
4px 4px #678CCC; box-shadow:4px 4px 4px  
4px #678CCC }
```

Background

The CSS property to change the background color of an element to Hex 678CCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678CCC }
```

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

```
.background{ background-color:#678CCC }
```

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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