

Converting Colors

Hex(6780CC)

Have a look what the booklet for
Hex(6780CC) contains.

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Color

Hex(6780CC)

Conversions

Conversions Part 1

Format	Color
Hex	6780CC
RGB	103, 128, 204
RGB Percent	40%, 50%, 80%
CMY	0.5961, 0.4980, 0.2000
CMYK	0.50, 0.37, 0.00, 0.20
HSL	225°, 50%, 60%
HSV	225°, 50%, 80%
XYZ	24.2118, 22.6815, 60.2286
YIQ	129.1890, -39.2960, 18.3360

Conversions

Conversions Part 2

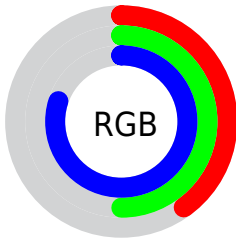
Format	Color
R_{YB}	103, 123, 204
Decimal	6783180
CIE _{Lab}	54.74, 12.03, -42.21
CIE _{LCh}	55, 43.887, 285.910
Yxy	22.6815, 0.2260, 0.2117
Android (android.graphics.Color)	4284973260 (0xFF6780CC)
YUV	129.1890, 36.8818, -22.9678
Hunter-Lab	47.6251, 7.4022, -41.6429

Details

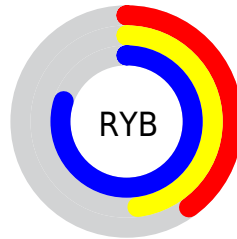
The Hex color **6780CC** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **CCB367**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9FB5FF**, and **2D4F95** is the 20% darker color. If you saturate the color by 10%, you get **5371CC**, and if you desaturate by 10%, it is **7B8FCC**.

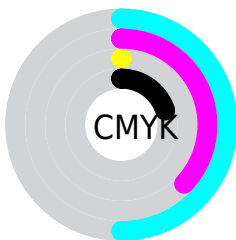
Distribution



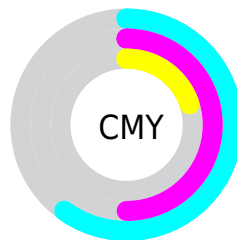
- Red (40%)
- Green (50%)
- Blue (80%)



- Red (40%)
- Yellow (48%)
- Blue (80%)



- Cyan (50%)
- Magenta (37%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6780CC 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 6780CC by changing the saturation by 10% instead.

■ 6780CC

■ 6780CC

FFFFFF

■ 4B67B0

■ 9FB5FF

■ 2D4F95

■ BCD0FF

■ 00397B

■ D9ECFF

■ 002462

■ F6FFFF

■ 000F4A

■ 000432

■ 00021C

■ 000000

■ 6780CC

■ 6780CC

■ 5371CC

■ 7B8FCC

■ 3E61CC

■ 909FCC

■ 2A52CC

■ A4AECC

■ 1543CC

■ B9BDCC

■ 0133CC

■ CDCDCC

■ 0032CC

■ E1DCCC

■ F6EBCC

■ FFFBCC

■ FFFFCC

Harmonies

Analogous

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



008CCC



6780CC



9F71B8

Triad

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



6780CC



C16D4E



09956F

Complementary

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



6780CC



CCB367

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.



5A904C



6780CC



A87B38

Square

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



6780CC



CA6370



858736



009697

Rectangle

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



6780CC



B868A3



858736



339463

Sweetspot

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



6780CC



D9E2FF



67CCB3



696E80



000000



808080

Same Dimension

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



6780CC



698EFF



8067CC



5C5E66



0029A6



000926

Inverse Universe

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



CC6780



FF698E



B3CC67



665C5E



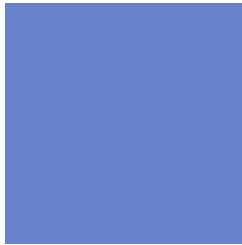
A60029



260009

Previews

White Background



This preview shows how the Hex color 6780CC 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 6780CC 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 6780CC Background



This preview shows how black text looks on a background with the Hex color 6780CC.



This preview shows how white text looks on a background with the Hex color 6780CC.

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
6780CC

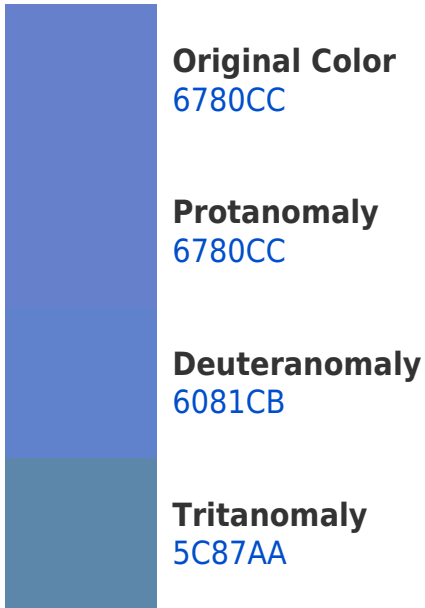
Protanopia
6780CC

Deuteranopia
5C82CB

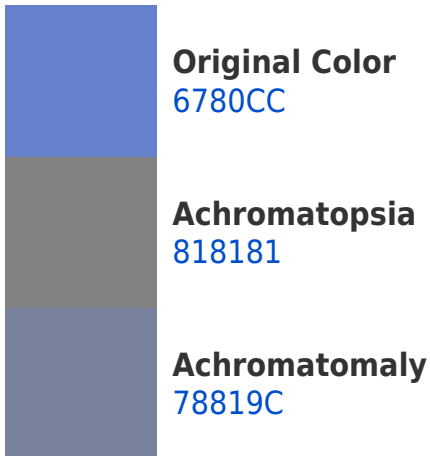


Tritanopia
568B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6780CC 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 #6780CC looks like.

```
.text, #text, p{  
    color:#6780CC  
}
```

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 #6780CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6780CC
}
```

Border

The CSS property to change the border of an element to Hex 6780CC 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
#6780CC }
```

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

```
.border{ border-color:#6780CC }
```

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

Here you see how a box with a 4 pixel #6780CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6780CC; -webkit-box-shadow:4px 4px  
4px 4px #6780CC; box-shadow:4px 4px 4px  
4px #6780CC }
```

Background

The CSS property to change the background color of an element to Hex 6780CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6780CC }
```

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

```
.background{ background-color:#6780CC }
```

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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