

Converting Colors

Hex(6788CF)

Have a look what the booklet for
Hex(6788CF) contains.

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Color

Hex(6788CF)

Conversions

Conversions Part 1

Format	Color
Hex	6788CF
RGB	103, 136, 207
RGB Percent	40%, 53%, 81%
CMY	0.5961, 0.4667, 0.1882
CMYK	0.50, 0.34, 0.00, 0.19
HSL	221°, 52%, 61%
HSV	221°, 50%, 81%
XYZ	25.6602, 24.9969, 62.5039
YIQ	134.2270, -42.4590, 15.0850

Conversions

Conversions Part 2

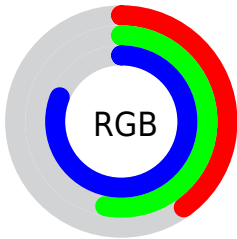
Format	Color
R_{YB}	103, 128, 207
Decimal	6785231
CIE _{Lab}	57.07, 8.19, -40.23
CIE _{LCh}	57, 41.056, 281.503
Yxy	24.9969, 0.2268, 0.2209
Android (android.graphics.Color)	4284975311 (0xFF6788CF)
YUV	134.2270, 35.8771, -27.3861
Hunter-Lab	49.9969, 4.1180, -39.1240

Details

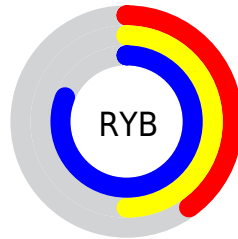
The Hex color **6788CF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **CFAE67**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9FBDFE**, and **2C5798** is the 20% darker color. If you saturate the color by 10%, you get **527ACF**, and if you desaturate by 10%, it is **7C96CF**.

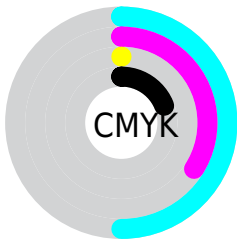
Distribution



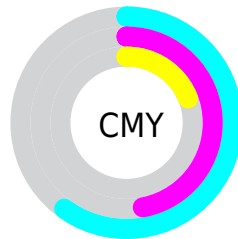
- Red (40%)
- Green (53%)
- Blue (81%)



- Red (40%)
- Yellow (50%)
- Blue (81%)



- Cyan (50%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6788CF 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 6788CF by changing the saturation by 10% instead.

■ 6788CF

■ 6788CF

FFFFFF

■ 4B6FB3

■ 9FBDFE

■ 2C5798

■ BCD9FF

■ 00407E

■ D9F5FF

■ 002A65

■ F6FFFF

■ 00174C

■ 000535

■ 00021F

■ 000002

■ 000000

■ 6788CF

■ 6788CF

■ 527ACF

■ 7C96CF

■ 3E6CCF

■ 90A4CF

■ 295ECF

■ A5B2CF

■ 144FCF

■ BAC1CF

■ 0042CF

■ CFCFCF

■ E3DDCF

■ F8EBCF

■ FFF9CF

■ FFFF CF

Harmonies

Analogous

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



0093CC



6788CF



9E7ABF

Triad

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



6788CF



C7735B



359A71

Complementary

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



6788CF



CFAE67

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.



6A9452



6788CF



B17F45

Square

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



6788CF



CD6B7C



918B40



009B96

Rectangle

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



6788CF



B772AC



918B40



4A9865

Sweetspot

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



6788CF



D9E5FF



67CFAC



697080



000000



808080

Same Dimension

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



6788CF



6697FF



7867CF



5E6169



0035A8



000D29

Inverse Universe

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



CF6788



FF6697



BECF67



695E61



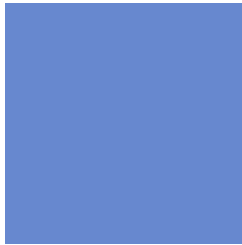
A80035



29000D

Previews

White Background



This preview shows how the Hex color 6788CF looks on a white background.

Color Contrast Check

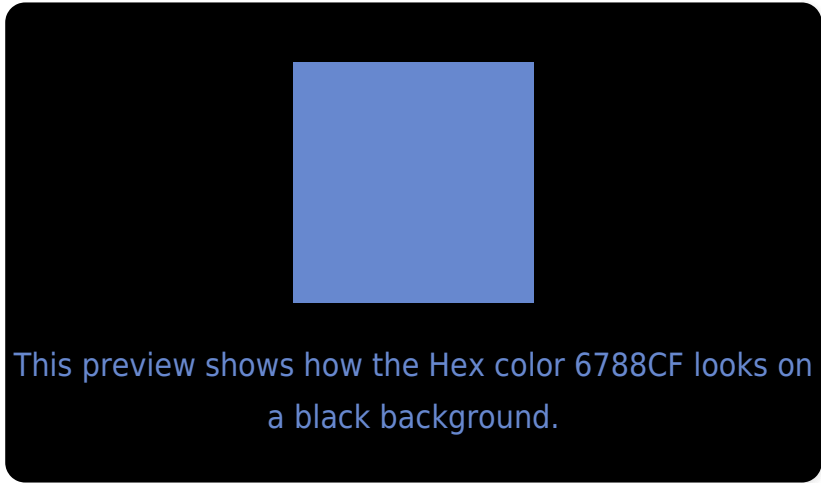
Large Text (above 18pt) WCAG AA ✓ Pass

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

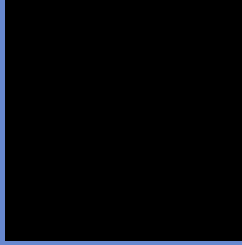
Any Text WCAG AA ✓ Pass

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 6788CF Background



This preview shows how black text looks on a background with the Hex color 6788CF.

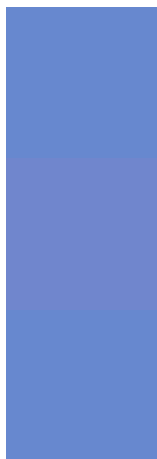


This preview shows how white text looks on a background with the Hex color 6788CF.

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
6788CF

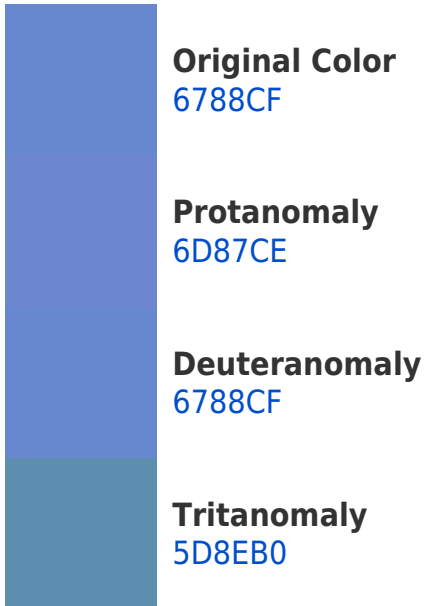
Protanopia
7086CD

Deuteranopia
6788CF



Tritanopia
57929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6788CF 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 #6788CF looks like.

```
.text, #text, p{  
    color:#6788CF  
}
```

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 #6788CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6788CF
}
```

Border

The CSS property to change the border of an element to Hex 6788CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

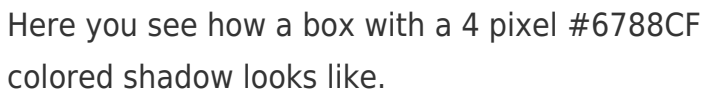
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6788CF }
```

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

```
.border{ border-color:#6788CF }
```

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



Here you see how a box with a 4 pixel #6788CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6788CF; -webkit-box-shadow:4px 4px  
4px 4px #6788CF; box-shadow:4px 4px 4px  
4px #6788CF }
```

Background

The CSS property to change the background color of an element to Hex 6788CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6788CF }
```

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

```
.background{ background-color:#6788CF }
```

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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