

Converting Colors

Hex(6681CF)

Have a look what the booklet for
Hex(6681CF) contains.

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Color

Hex(6681CF)

Conversions

Conversions Part 1

Format	Color
Hex	6681CF
RGB	102, 129, 207
RGB Percent	40%, 51%, 81%
CMY	0.6000, 0.4941, 0.1882
CMYK	0.51, 0.38, 0.00, 0.19
HSL	225°, 52%, 61%
HSV	225°, 51%, 81%
XYZ	24.5922, 23.0303, 62.1806
YIQ	129.8190, -41.1300, 18.5340

Conversions

Conversions Part 2

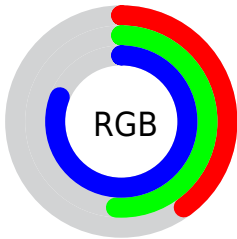
Format	Color
RYB	102, 123, 207
Decimal	6717903
CIELab	55.10, 12.13, -43.34
CIELCh	55, 45.004, 285.633
Yxy	23.0303, 0.2240, 0.2097
Android (android.graphics.Color)	4284907983 (0xFF6681CF)
YUV	129.8190, 38.0502, -24.3973
Hunter-Lab	47.9899, 7.4893, -43.2293

Details

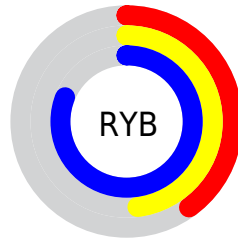
The Hex color **6681CF** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **CFB466**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9EB6FF**, and **2B5098** is the 20% darker color. If you saturate the color by 10%, you get **5172CF**, and if you desaturate by 10%, it is **7B90CF**.

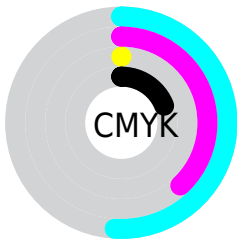
Distribution



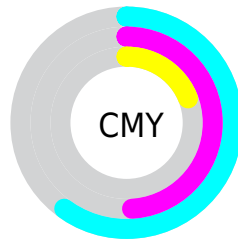
- Red (40%)
- Green (51%)
- Blue (81%)



- Red (40%)
- Yellow (48%)
- Blue (81%)



- Cyan (51%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (49%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6681CF 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 6681CF by changing the saturation by 10% instead.

■ 6681CF

■ 6681CF

FFFFFF

■ 4968B3

■ 9EB6FF

■ 2B5098

■ BBD1FF

■ 003A7E

■ D8EDFF

■ 002564

■ F6FFFF

■ 00104C

■ 000535

■ 00021E

■ 000001

■ 000000

■ 6681CF

■ 6681CF

■ 5172CF

■ 7B90CF

■ 3D62CF

■ 8FA0CF

■ 2853CF

■ A4AFCF

■ 1343CF

■ B9BFCF

■ 0035CF

■ CECECF

■ E2DDCF

■ F7EDCF

■ FFFCCF

■ FFFF CF

Harmonies

Analogous

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



008DCF



6681CF



A171BB

Triad

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



6681CF



C36D4E



00966F

Complementary

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



6681CF



CFB466

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.



5A914B



6681CF



AA7B36

Square

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



6681CF



CD6371



878835



009798

Rectangle

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



6681CF



BA68A5



878835



319562

Sweetspot

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



6681CF



D9E3FF



66CFB3



696E80



000000



808080

Same Dimension

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



6681CF



638BFF



7F66CF



5E6169



002BA8



000A29

Inverse Universe

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



CF6681



FF638B



B7CF66



695E61



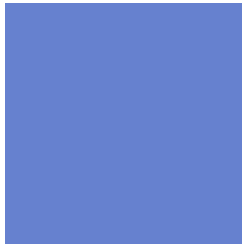
A8002B



29000A

Previews

White Background



This preview shows how the Hex color 6681CF looks on a white background.

Color Contrast Check

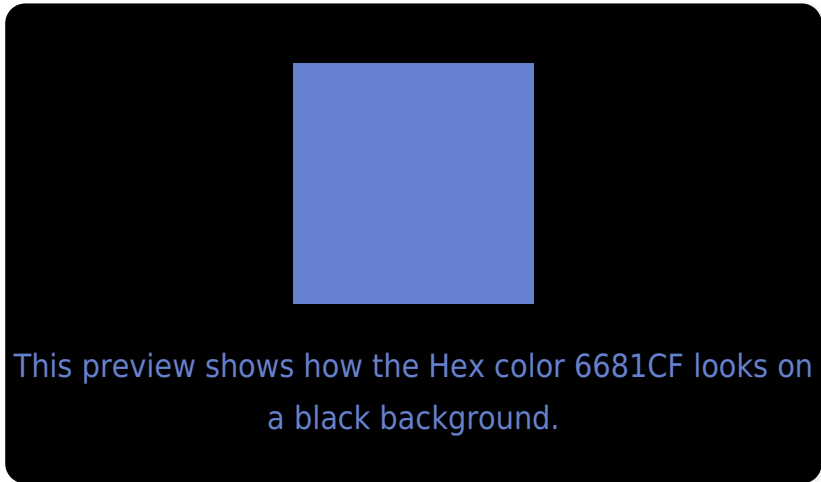
Large Text (above 18pt) WCAG AA ✓ Pass

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

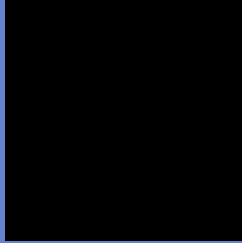
Any Text WCAG AA ✓ Pass

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 6681CF Background



This preview shows how black text looks on a background with the Hex color 6681CF.

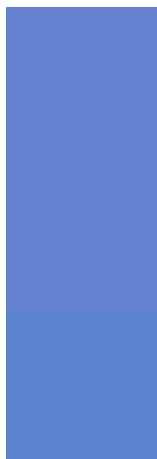


This preview shows how white text looks on a background with the Hex color 6681CF.

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](#).

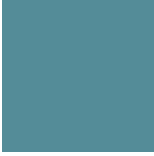
Dichromacy



Original Color
6681CF

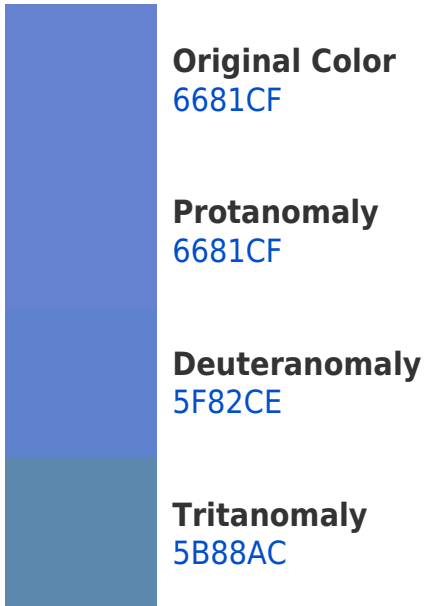
Protanopia
6681CF

Deuteranopia
5B83CE



Tritanopia
548C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6681CF 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 #6681CF looks like.

```
.text, #text, p{  
    color:#6681CF  
}
```

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 #6681CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6681CF
}
```

Border

The CSS property to change the border of an element to Hex 6681CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

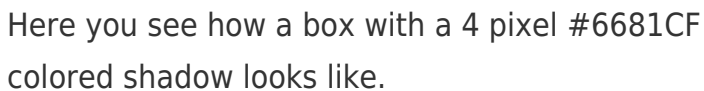
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6681CF }
```

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

```
.border{ border-color:#6681CF }
```

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



Here you see how a box with a 4 pixel #6681CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6681CF; -webkit-box-shadow:4px 4px  
4px 4px #6681CF; box-shadow:4px 4px 4px  
4px #6681CF }
```

Background

The CSS property to change the background color of an element to Hex 6681CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6681CF }
```

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

```
.background{ background-color:#6681CF }
```

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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