

Converting Colors

Hex(6070CF)

Have a look what the booklet for
Hex(6070CF) contains.

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Color

Hex(6070CF)

Conversions

Conversions Part 1

Format	Color
Hex	6070CF
RGB	96, 112, 207
RGB Percent	38%, 44%, 81%
CMY	0.6235, 0.5608, 0.1882
CMYK	0.54, 0.46, 0.00, 0.19
HSL	231°, 54%, 59%
HSV	231°, 54%, 81%
XYZ	21.8805, 18.5801, 61.4646
YIQ	118.0460, -40.0310, 26.1530

Conversions

Conversions Part 2

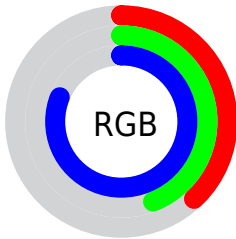
Format	Color
R _Y B	96, 110, 207
Decimal	6320335
CIE Lab	50.19, 21.13, -51.17
CIE LCh	50, 55.357, 292.435
Yxy	18.5801, 0.2147, 0.1823
Android (android.graphics.Color)	4284510415 (0xFF6070CF)
YUV	118.0460, 43.8543, -19.3343
Hunter-Lab	43.1047, 15.1759, -54.3706

Details

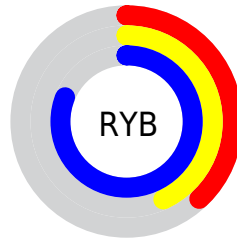
The Hex color **6070CF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CFBF60**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **99A3FF**, and **204198** is the 20% darker color. If you saturate the color by 10%, you get **4B5ECF**, and if you desaturate by 10%, it is **7582CF**.

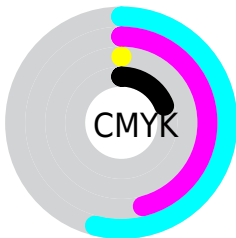
Distribution



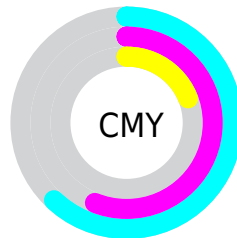
- Red (38%)
- Green (44%)
- Blue (81%)



- Red (38%)
- Yellow (43%)
- Blue (81%)



- Cyan (54%)
- Magenta (46%)
- Yellow (0%)
- Black (19%)



- Cyan (62%)
- Magenta (56%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6070CF 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 6070CF by changing the saturation by 10% instead.

■ 6070CF

■ 6070CF

FFFFFF

■ 4258B3

■ 99A3FF

■ 204198

■ B6BEFF

■ 002B7E

■ D3DAFF

■ 001864

■ F1F7FF

■ 00004C

■ 000434

■ 00021E

■ 000000

■ 6070CF

■ 6070CF

■ 4B5ECF

■ 7582CF

■ 374DCF

■ 8993CF

■ 223BCF

■ 9EA5CF

■ 0D29CF

■ B3B7CF

■ 001ECF

■ C8C9CF

■ DCDACF

■ F1ECCF

■ FFFE CF

■ FFFF CF

Harmonies

Analogous

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



0080D5



6070CF



A55BB1

Triad

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



6070CF



BA5E2D



008D6A

Complementary

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



6070CF



CFBF60

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.



2D883A



6070CF



997109

Square

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



6070CF



CB4C56



6D8011



008D9A

Rectangle

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



6070CF



BE4E95



6D8011



008C59

Sweetspot

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



6070CF



D6DCFF



60CFBE



676B80



000000



808080

Same Dimension

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



6070CF



5C73FF



8760CF



5E6069



0018A8



000629

Inverse Universe

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



CF6070



FF5C73



A8CF60



695E60



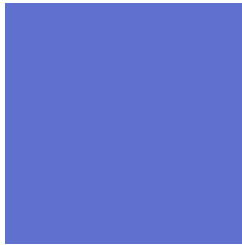
A80018



290006

Previews

White Background



This preview shows how the Hex color 6070CF looks on a white background.

Color Contrast Check

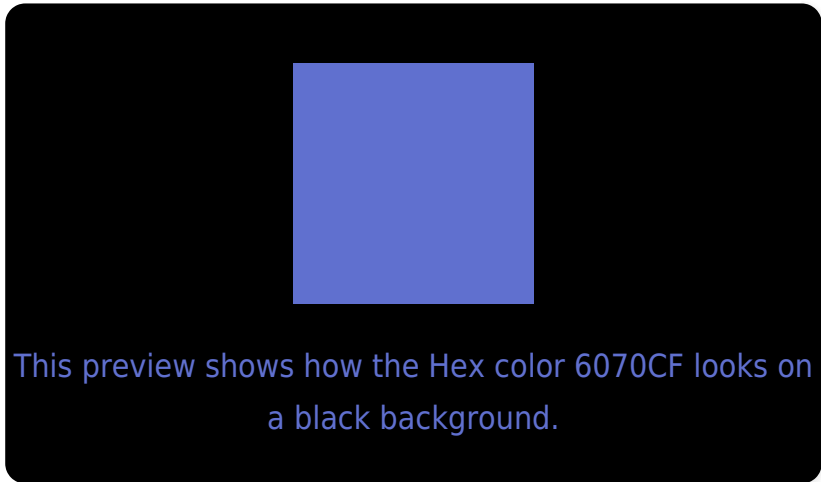
Large Text (above 18pt) WCAG AA ✓ Pass

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

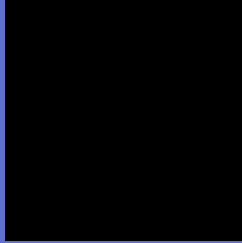
Any Text WCAG AA ✓ Pass

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 6070CF Background



This preview shows how black text looks on a background with the Hex color 6070CF.

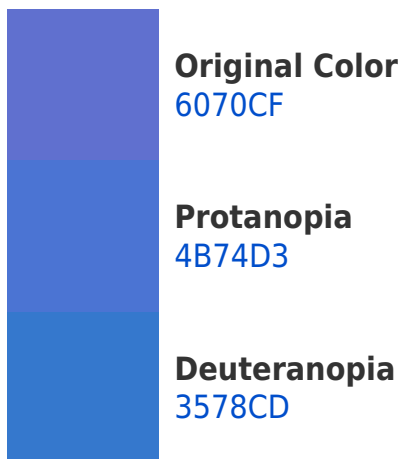


This preview shows how white text looks on a background with the Hex color 6070CF.

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](#).

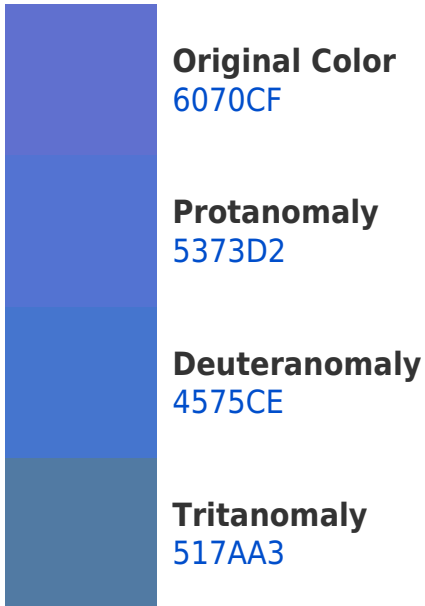
Dichromacy



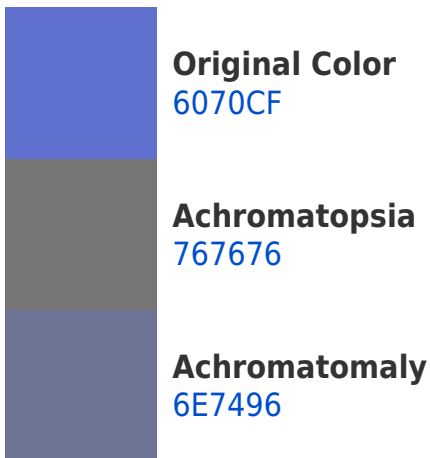


Tritanopia
48808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6070CF 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 #6070CF looks like.

```
.text, #text, p{  
    color:#6070CF  
}
```

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 #6070CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6070CF
}
```

Border

The CSS property to change the border of an element to Hex 6070CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

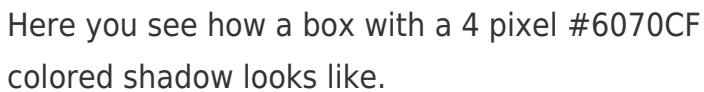
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6070CF }
```

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

```
.border{ border-color:#6070CF }
```

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



Here you see how a box with a 4 pixel #6070CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6070CF; -webkit-box-shadow:4px 4px  
4px 4px #6070CF; box-shadow:4px 4px 4px  
4px #6070CF }
```

Background

The CSS property to change the background color of an element to Hex 6070CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6070CF }
```

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

```
.background{ background-color:#6070CF }
```

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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