

Converting Colors

Hex(607FCC)

Have a look what the booklet for
Hex(607FCC) contains.

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Color

Hex(607FCC)

Conversions

Conversions Part 1

Format	Color
Hex	607FCC
RGB	96, 127, 204
RGB Percent	38%, 50%, 80%
CMY	0.6235, 0.5020, 0.2000
CMYK	0.53, 0.38, 0.00, 0.20
HSL	223°, 51%, 59%
HSV	223°, 53%, 80%
XYZ	23.3123, 22.0252, 60.1493
YIQ	126.5090, -43.1930, 17.3750

Conversions

Conversions Part 2

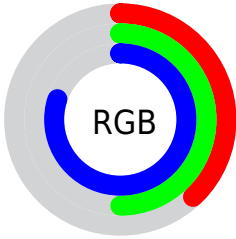
Format	Color
R _{YB}	96, 120, 204
Decimal	6324172
CIE _{Lab}	54.05, 11.03, -43.32
CIE _{LCh}	54, 44.703, 284.279
Y _{xy}	22.0252, 0.2210, 0.2088
Android (android.graphics.Color)	4284514252 (0xFF607FCC)
Y _{UV}	126.5090, 38.2031, -26.7564
Hunter-Lab	46.9310, 6.5382, -43.1376

Details

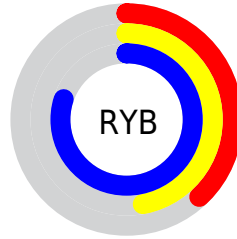
The Hex color **607FCC** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **CCAD60**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **99B3FF**, and **224E95** is the 20% darker color. If you saturate the color by 10%, you get **4C70CC**, and if you desaturate by 10%, it is **748ECC**.

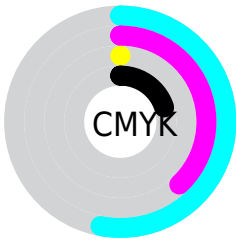
Distribution



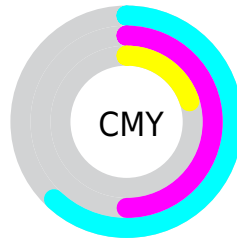
- Red (38%)
- Green (50%)
- Blue (80%)



- Red (38%)
- Yellow (47%)
- Blue (80%)



- Cyan (53%)
- Magenta (38%)
- Yellow (0%)
- Black (20%)



- Cyan (62%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 607FCC 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 607FCC by changing the saturation by 10% instead.

■ 607FCC

■ 607FCC

FFFFFF

■ 4366B0

■ 99B3FF

■ 224E95

■ B5CFFF

■ 00387B

■ D2EBFF

■ 002362

■ F0FFFF

■ 000E49

■ 000432

■ 00021C

■ 000000

■ 607FCC

■ 607FCC

■ 4C70CC

■ 748ECC

■ 3762CC

■ 899CCC

■ 2353CC

■ 9DABCC

■ 0E45CC

■ B2B9CC

■ 003BCC

■ C6C8CC

■ DAD6CC

■ EFE5CC

■ FFF3CC

■ FFFFCC

Harmonies

Analogous

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



008BCB



607FCC



9C70B9

Triad

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



607FCC



C16A4D



07936B

Complementary

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



607FCC



CCAD60

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.



5A8E48



607FCC



A87835

Square

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



607FCC



C96070



868532



009593

Rectangle

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



607FCC



B566A3



868532



32925E

Sweetspot

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



607FCC



D6E2FF



60CCAC



676E80



000000



808080

Same Dimension

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



607FCC



5C8BFF



7660CC



5C5F66



0030A6



000B26

Inverse Universe

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



CC607F



FF5C8B



B6CC60



665C5F



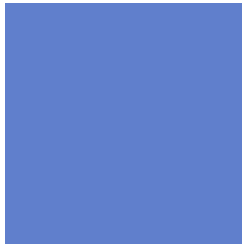
A60030



26000B

Previews

White Background



This preview shows how the Hex color 607FCC looks on a white background.

Color Contrast Check

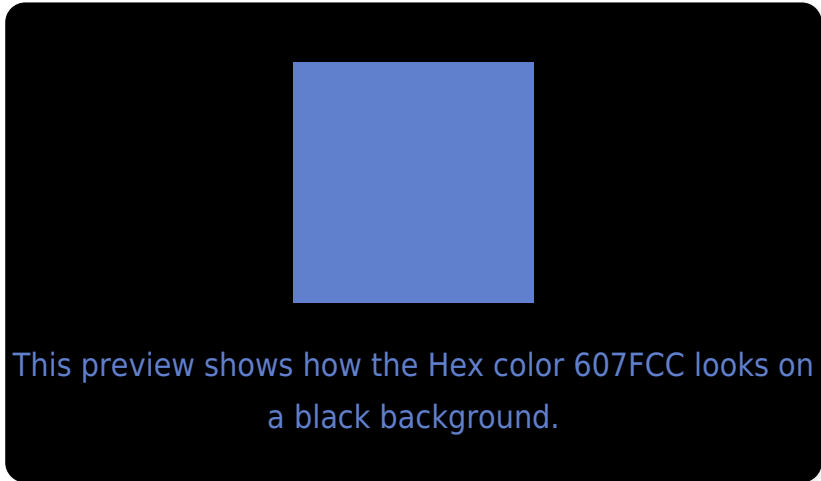
Large Text (above 18pt) WCAG AA ✓ Pass

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

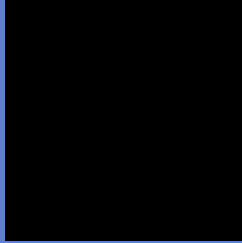
Any Text WCAG AA ✓ Pass

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 607FCC Background



This preview shows how black text looks on a background with the Hex color 607FCC.



This preview shows how white text looks on a background with the Hex color 607FCC.

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
607FCC

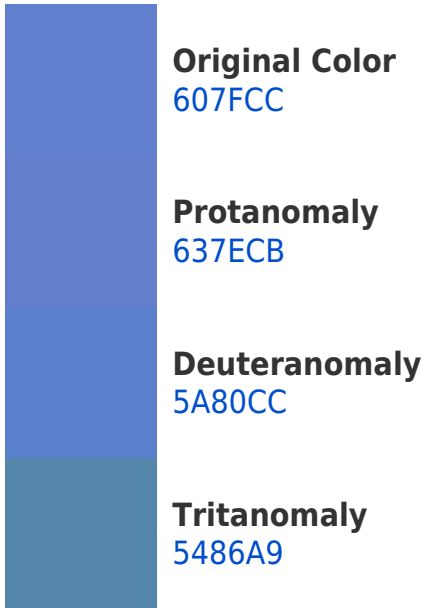
Protanopia
647ECB

Deuteranopia
5781CC

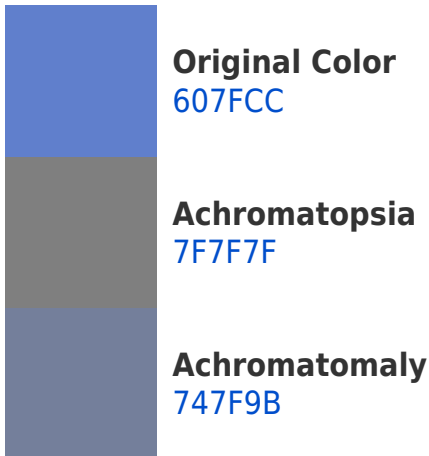


Tritanopia
4D8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 607FCC 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 #607FCC looks like.

```
.text, #text, p{  
    color:#607FCC  
}
```

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 #607FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607FCC
}
```

Border

The CSS property to change the border of an element to Hex 607FCC 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
#607FCC }
```

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

```
.border{ border-color:#607FCC }
```

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

Here you see how a box with a 4 pixel #607FCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607FCC; -webkit-box-shadow:4px 4px  
4px 4px #607FCC; box-shadow:4px 4px 4px  
4px #607FCC }
```

Background

The CSS property to change the background color of an element to Hex 607FCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607FCC }
```

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

```
.background{ background-color:#607FCC }
```

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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