

# Converting Colors

Hex(5C6FCC)

Have a look what the booklet for  
Hex(5C6FCC) contains.

<b>Hex(5C6FCC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(5C6FCC)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C6FCC
RGB	92, 111, 204
RGB Percent	36%, 44%, 80%
CMY	0.6392, 0.5647, 0.2000
CMYK	0.55, 0.46, 0.00, 0.20
HSL	230°, 52%, 58%
HSV	230°, 55%, 80%
XYZ	20.9972, 18.0038, 59.4952
YIQ	115.9210, -41.1770, 24.8950

# Conversions

## Conversions Part 2

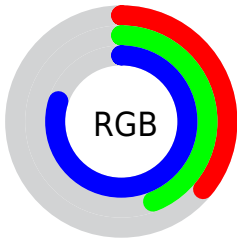
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 108, 204
Decimal	6057932
CIE Lab	49.50, 19.93, -50.57
CIE LCh	50, 54.359, 291.505
Yxy	18.0038, 0.2132, 0.1828
Android (android.graphics.Color)	4284248012 (0xFF5C6FCC)
YUV	115.9210, 43.4229, -20.9787
Hunter-Lab	42.4309, 14.0775, -53.4327

# Details

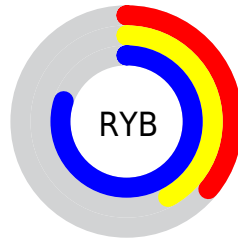
The Hex color **5C6FCC** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **CCB95C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **95A2FF**, and **194095** is the 20% darker color. If you saturate the color by 10%, you get **485ECC**, and if you desaturate by 10%, it is **7080CC**.

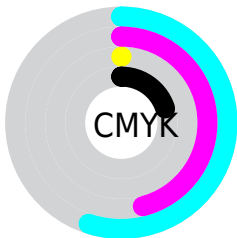
# Distribution



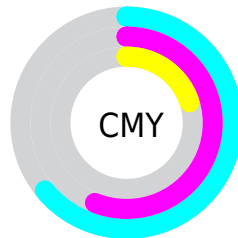
- Red (36%)
- Green (44%)
- Blue (80%)



- Red (36%)
- Yellow (42%)
- Blue (80%)



- Cyan (55%)
- Magenta (46%)
- Yellow (0%)
- Black (20%)



- Cyan (64%)
- Magenta (56%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C6FCC 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 5C6FCC by changing the saturation by 10% instead.



■ 5C6FCC

■ 5C6FCC

FFFFFF

■ 3E57B0

■ 95A2FF

■ 194095

■ B2BDFF

■ 002A7B

■ CFD9FF

■ 001761

■ EDF5FF

■ 000049

■ 000431

■ 00011C

■ 000000

■ 5C6FCC

■ 5C6FCC

■ 485ECC

■ 7080CC

■ 334DCC

■ 8591CC

■ 1F3CCC

■ 99A2CC

■ 0A2BCC

■ AEB3CC

■ 0023CC

■ C2C4CC

■ D6D5CC

■ EBE6CC

■ FFF7CC

■ FFFFCC

# Harmonies

## Analogous

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



007FD1



5C6FCC



A05AB0

# Triad

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



5C6FCC



B85C2E



008B67

# Complementary

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



5C6FCC



CCB95C

# 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.



308639



5C6FCC



986F0B

# Square

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



5C6FCC



C84B57



6D7D11



008B96

# Rectangle

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



5C6FCC



BA4E94



6D7D11



008957



# Sweetspot

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



5C6FCC



D6DDFF



5CCCB7



676B80



000000



808080



# Same Dimension

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



5C6FCC



5773FF



7F5CCC



5C5E66



001CA6



000626



# Inverse Universe

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



CC5C6F



FF5773



A9CC5C



665C5E



A6001C

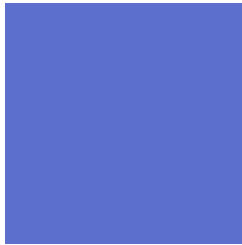


260006



# Previews

## White Background



This preview shows how the Hex color 5C6FCC looks on a white background.

## Color Contrast Check

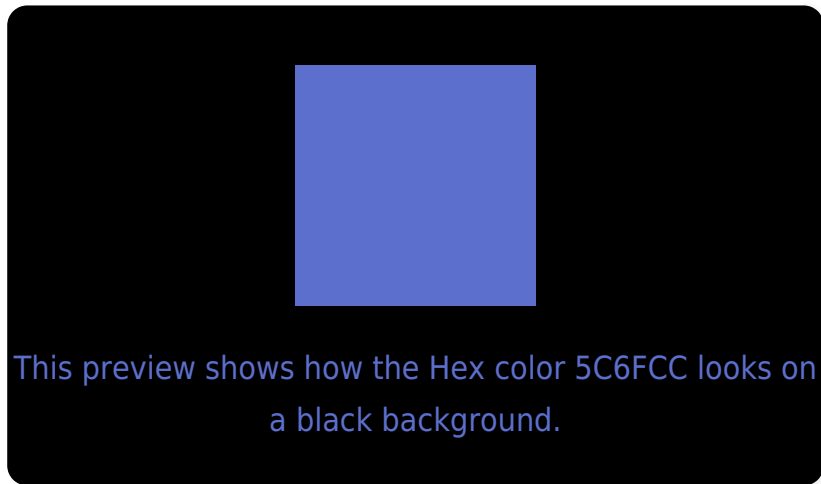
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

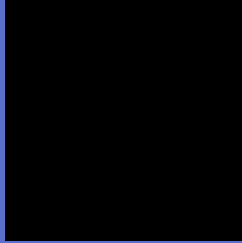
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C6FCC Background



This preview shows how black text looks on a background with the Hex color 5C6FCC.

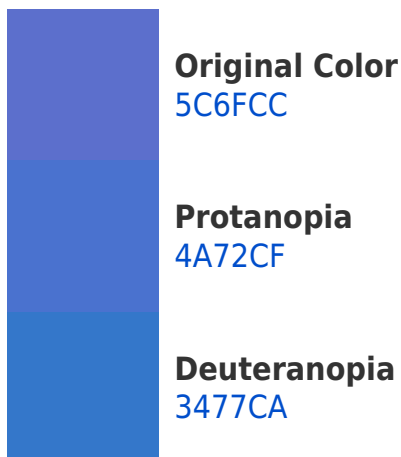


This preview shows how white text looks on a background with the Hex color 5C6FCC.

# 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](#).

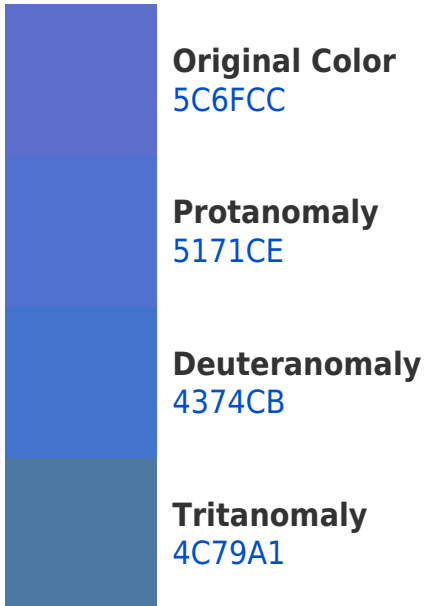
## Dichromacy



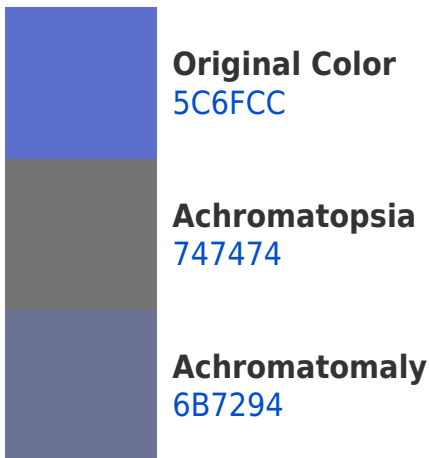


**Tritanopia**  
437E89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C6FCC 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 #5C6FCC looks like.

```
.text, #text, p{  
    color:#5C6FCC  
}
```

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 #5C6FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C6FCC
}
```

## Border

The CSS property to change the border of an element to Hex 5C6FCC 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
#5C6FCC }
```

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

```
.border{ border-color:#5C6FCC }
```

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

Here you see how a box with a 4 pixel #5C6FCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C6FCC; -webkit-box-shadow:4px 4px  
4px 4px #5C6FCC; box-shadow:4px 4px 4px  
4px #5C6FCC }
```

# Background

The CSS property to change the background color of an element to Hex 5C6FCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C6FCC }
```

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

```
.background{ background-color:#5C6FCC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor