

Converting Colors

Hex(5B7CF5)

Have a look what the booklet for
Hex(5B7CF5) contains.

Hex(5B7CF5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B7CF5)

Conversions

Conversions Part 1

Format	Color
Hex	5B7CF5
RGB	91, 124, 245
RGB Percent	36%, 49%, 96%
CMY	0.6431, 0.5137, 0.0392
CMYK	0.63, 0.49, 0.00, 0.04
HSL	227°, 89%, 66%
HSV	227°, 63%, 96%
XYZ	28.0035, 23.2320, 89.3945
YIQ	127.9270, -58.5090, 30.6350

Conversions

Conversions Part 2

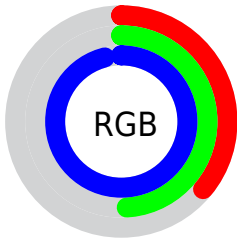
Format	Color
R _Y B	91, 118, 245
Decimal	5995765
CIE Lab	55.31, 25.33, -64.33
CIE LCh	55, 69.135, 291.496
Yxy	23.2320, 0.1991, 0.1652
Android (android.graphics.Color)	4284185845 (0xFF5B7CF5)
YUV	127.9270, 57.7170, -32.3850
Hunter-Lab	48.1996, 19.3573, -76.2238

Details

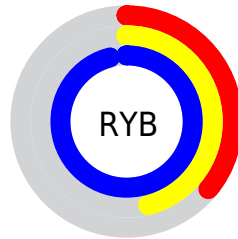
The Hex color **5B7CF5** is a light color, and the websafe version is hex **6666CC**. The color can be described as light muted azure. A complement of this color would be **F5D45B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9AB0FF**, and **004CBC** is the 20% darker color. If you saturate the color by 10%, you get **4269F5**, and if you desaturate by 10%, it is **738FF5**.

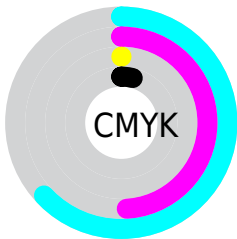
Distribution



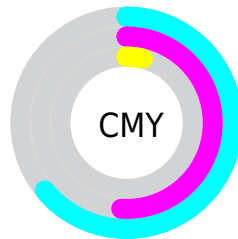
- Red (36%)
- Green (49%)
- Blue (96%)



- Red (36%)
- Yellow (46%)
- Blue (96%)



- Cyan (63%)
- Magenta (49%)
- Yellow (0%)
- Black (4%)



- Cyan (64%)
- Magenta (51%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7CF5 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 5B7CF5 by changing the saturation by 10% instead.

 5B7CF5

 5B7CF5

FFFFFF

 3763D8

 9AB0FF

 004CBC

 B8CBFF

 0036A0

 D6E7FF

 002285

 F5FFFF

 00106B

 000752

 00053A

 000224

 00000B

■ 5B7CF5

■ 5B7CF5

■ 4269F5

■ 738FF5

■ 2A56F5

■ 8CA3F5

■ 1142F5

■ A4B6F5

■ 0035F5

■ BDC9F5

■ D5DCF5

■ EEF0F5

■ FFFF5

Harmonies

Analogous

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



0091FC



5B7CF5



BB5FD0

Triad

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



5B7CF5



D76124



009E71

Complementary

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



5B7CF5



F5D45B

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.



179933



5B7CF5



AE7C00

Square

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



5B7CF5



ED475C



768E00



009FAF

Rectangle

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



5B7CF5



DC4BAC



768E00



009D5C

Sweetspot

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



5B7CF5



CFD9FF



5BF5D4



626880



000000



808080

Same Dimension

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



5B7CF5



4069FF



875BF5



6E717A



0028BA



000D3B

Inverse Universe

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



F55B7C



FF4069



C9F55B



7A6E71



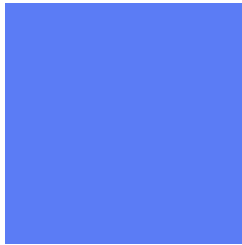
BA0028



3B000D

Previews

White Background



This preview shows how the Hex color 5B7CF5 looks on a white background.

Color Contrast Check

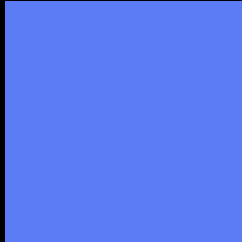
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5B7CF5 looks on a 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 5B7CF5 Background



This preview shows how black text looks on a background with the Hex color 5B7CF5.



This preview shows how white text looks on a background with the Hex color 5B7CF5.

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](#).

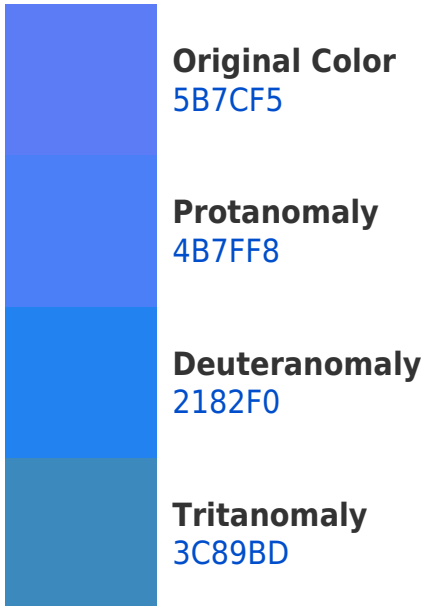
Dichromacy



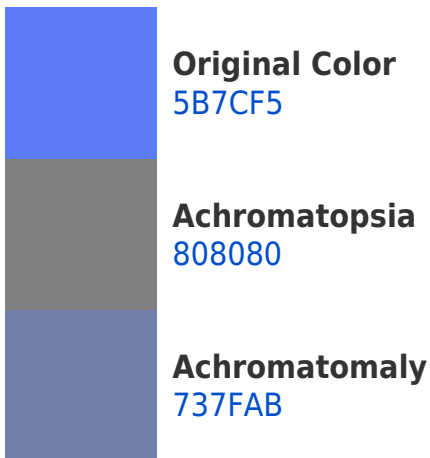


Tritanopia
2B919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7CF5 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 #5B7CF5 looks like.

```
.text, #text, p{  
    color:#5B7CF5  
}
```

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 #5B7CF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7CF5
}
```

Border

The CSS property to change the border of an element to Hex 5B7CF5 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
#5B7CF5 }
```

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

```
.border{ border-color:#5B7CF5 }
```

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

Here you see how a box with a 4 pixel #5B7CF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7CF5; -webkit-box-shadow:4px 4px  
4px 4px #5B7CF5; box-shadow:4px 4px 4px  
4px #5B7CF5 }
```

Background

The CSS property to change the background color of an element to Hex 5B7CF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7CF5 }
```

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

```
.background{ background-color:#5B7CF5 }
```

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