

# Converting Colors

Hex(5F7CFB)

Have a look what the booklet for  
Hex(5F7CFB) contains.

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# **Color**

**Hex(5F7CFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F7CFB
RGB	95, 124, 251
RGB Percent	37%, 49%, 98%
CMY	0.6275, 0.5137, 0.0157
CMYK	0.62, 0.51, 0.00, 0.02
HSL	229°, 95%, 68%
HSV	229°, 62%, 98%
XYZ	29.3396, 23.8132, 94.3168
YIQ	129.8070, -58.0510, 33.3490

# Conversions

## Conversions Part 2

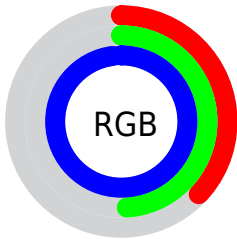
Format	Color
R <sub>Y</sub> B	95, 119, 251
Decimal	6257915
CIE Lab	55.90, 28.00, -66.69
CIE LCh	56, 72.325, 292.777
Yxy	23.8132, 0.1990, 0.1615
Android (android.graphics.Color)	4284447995 (0xFF5F7CFB)
YUV	129.8070, 59.7481, -30.5257
Hunter-Lab	48.7988, 21.9226, -80.4347

# Details

The Hex color **5F7CFB** 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 **FBDE5F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9EB0FF**, and **004CC2** is the 20% darker color. If you saturate the color by 10%, you get **4668FB**, and if you desaturate by 10%, it is **7890FB**.

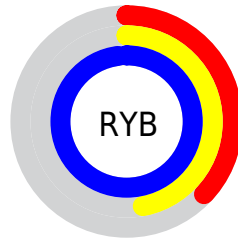
# Distribution



Red (37%)

Green (49%)

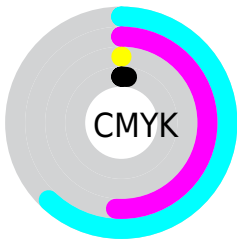
Blue (98%)



Red (37%)

Yellow (47%)

Blue (98%)

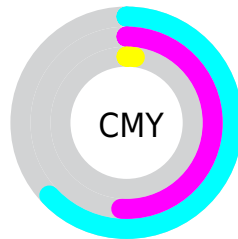


Cyan (62%)

Magenta (51%)

Yellow (0%)

Black (2%)



Cyan (63%)

Magenta (51%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F7CFB 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 5F7CFB by changing the saturation by 10% instead.



 5F7CFB

 5F7CFB

FFFFFF

 3B63DE

 9EB0FF

 004CC2

 BCCCFF

 0036A6

 DBE8FF

 00228B

 FAFFFF

 001070

 000457

 00063F

 000328

 000112

■ 5F7CFB

■ 5F7CFB

■ 4668FB

■ 7890FB

■ 2D53FB

■ 91A5FB

■ 143FFB

■ AAB9FB

■ 002FFB

■ C3CEFB

■ DCE2FB

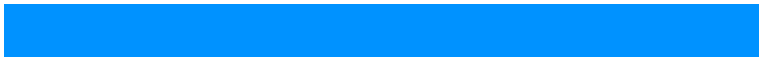
■ F6F7FB

■ FFFFFB

# Harmonies

## Analogous

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



0092FF



5F7CFB



C25CD3

# Triad

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



5F7CFB



DA621D



00A174

# Complementary

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



5F7CFB



FBDE5F

# 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.



009C32



5F7CFB



AE7E00

# Square

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



5F7CFB



F2445A



749100



00A2B5

# Rectangle

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



5F7CFB



E347AD



749100



00A05E



# Sweetspot

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



5F7CFB



CFD8FF



5FFBDC



626880



000000



808080



# Same Dimension

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



5F7CFB



4063FF



8E5FFB



70737D



0023BD



000B3D



# Inverse Universe

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



FB5F7C



FF4063



CCFB5F



7D7073



BD0023

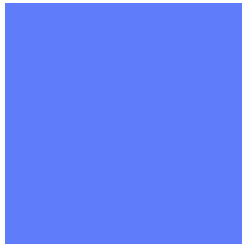


3D000B



# Previews

## White Background



This preview shows how the Hex color 5F7CFB looks on a white background.

## Color Contrast Check

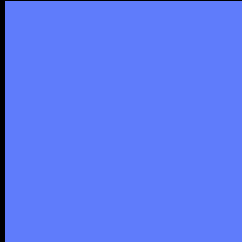
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F7CFB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

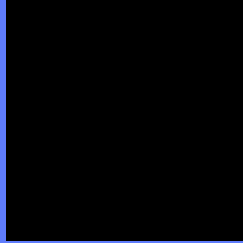
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F7CFB Background



This preview shows how black text looks on a background with the Hex color 5F7CFB.



This preview shows how white text looks on a background with the Hex color 5F7CFB.

# 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](#).

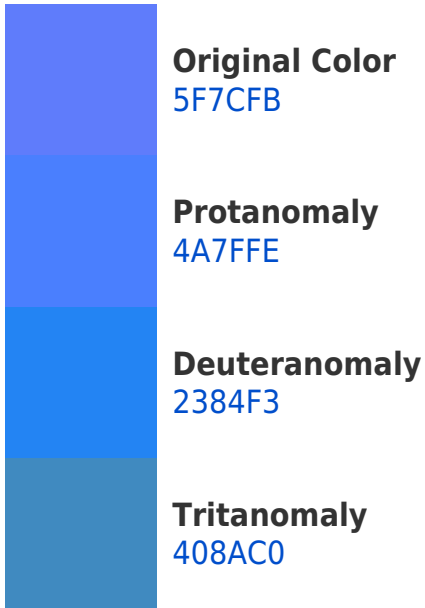
## Dichromacy





**Tritanopia**  
2F929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F7CFB 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 #5F7CFB looks like.

```
.text, #text, p{  
    color:#5F7CFB  
}
```

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 #5F7CFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7CFB
}
```

## Border

The CSS property to change the border of an element to Hex 5F7CFB 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
#5F7CFB }
```

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

```
.border{ border-color:#5F7CFB }
```

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

Here you see how a box with a 4 pixel #5F7CFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7CFB; -webkit-box-shadow:4px 4px  
4px 4px #5F7CFB; box-shadow:4px 4px 4px  
4px #5F7CFB }
```

# Background

The CSS property to change the background color of an element to Hex 5F7CFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7CFB }
```

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

```
.background{ background-color:#5F7CFB }
```

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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