

# Converting Colors

Hex(5F88FA)

Have a look what the booklet for  
Hex(5F88FA) contains.

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# **Color**

**Hex(5F88FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F88FA
RGB	95, 136, 250
RGB Percent	37%, 53%, 98%
CMY	0.6275, 0.4667, 0.0196
CMYK	0.62, 0.46, 0.00, 0.02
HSL	224°, 94%, 68%
HSV	224°, 62%, 98%
XYZ	30.7788, 26.9433, 94.0208
YIQ	136.7370, -61.0300, 26.7620

# Conversions

## Conversions Part 2

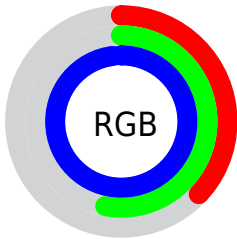
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 127, 250
Decimal	6260986
CIE Lab	58.92, 20.41, -61.28
CIE LCh	59, 64.587, 288.426
Yxy	26.9433, 0.2028, 0.1776
Android (android.graphics.Color)	4284451066 (0xFF5F88FA)
YUV	136.7370, 55.8387, -36.6033
Hunter-Lab	51.9070, 15.0063, -71.0591

# Details

The Hex color **5F88FA** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FAD15F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9DBDFF**, and **0057C1** is the 20% darker color. If you saturate the color by 10%, you get **4676FA**, and if you desaturate by 10%, it is **789AFA**.

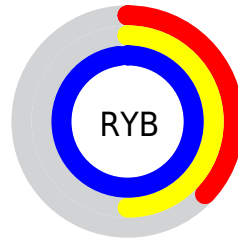
# Distribution



Red (37%)

Green (53%)

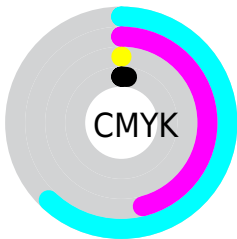
Blue (98%)



Red (37%)

Yellow (50%)

Blue (98%)

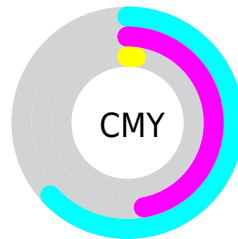


Cyan (62%)

Magenta (46%)

Yellow (0%)

Black (2%)



Cyan (63%)

Magenta (47%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F88FA 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 5F88FA by changing the saturation by 10% instead.



■ 5F88FA

■ 5F88FA

FFFFFF

■ 3C6FDD

■ 9DBDFF

■ 0057C1

■ BCD9FF

■ 0040A5

■ DAF5FF

■ 002B8A

■ F9FFFF

■ 001970

■ 000057

■ 00063E

■ 000328

■ 000111

■ 5F88FA

■ 5F88FA

■ 4676FA

■ 789AFA

■ 2D63FA

■ 91ADFA

■ 1451FA

■ AABFFA

■ 0042FA

■ C3D2FA

■ DCE4FA

■ F5F6FA

■ FFFFFA

# Harmonies

## Analogous

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



009BFD



5F88FA



BC6EDA

# Triad

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



5F88FA



E16B3A



00A775

# Complementary

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



5F88FA



FAD15F

# 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.



41A13D



5F88FA



BC8307

# Square

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



5F88FA



F3576D



889606



00A8B0

# Rectangle

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



5F88FA



DE5EB9



889606



00A562



# Sweetspot

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



5F88FA



CFDBFF



5FFAD1



626A80



000000



808080



# Same Dimension

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



5F88FA



4274FF



835FFA



70747D



0032BD



00103D



# Inverse Universe

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



FA5F88



FF4274



D6FA5F



7D7074



BD0032

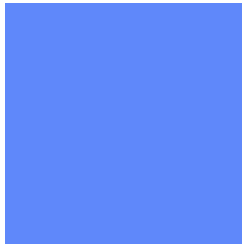


3D0010



# Previews

## White Background



This preview shows how the Hex color 5F88FA looks on a white background.

## Color Contrast Check

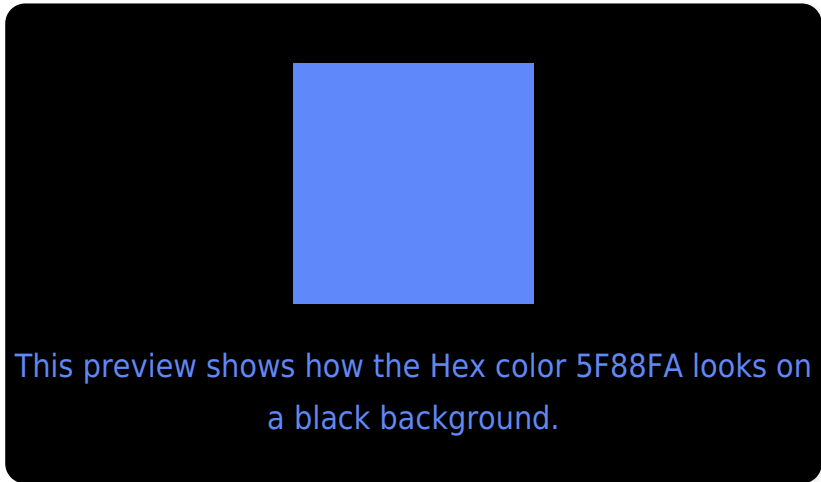
Large Text (above 18pt) WCAG AA ✓ Pass

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

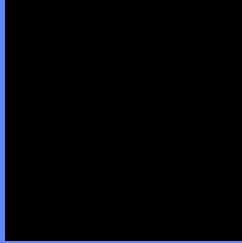
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

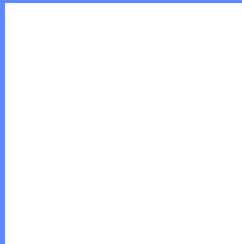
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F88FA Background



This preview shows how black text looks on a background with the Hex color 5F88FA.



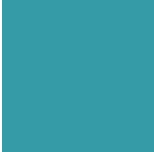
This preview shows how white text looks on a background with the Hex color 5F88FA.

# 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](#).

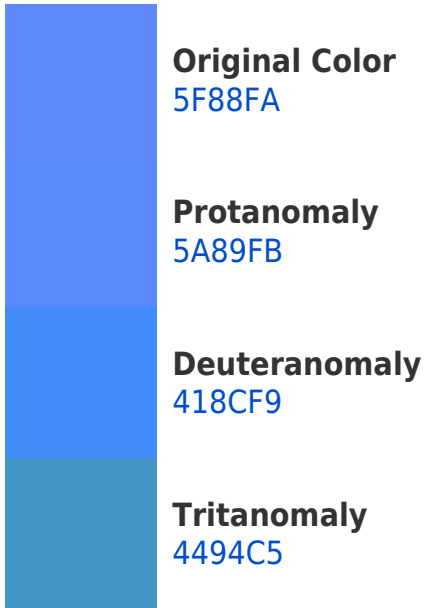
## Dichromacy





**Tritanopia**  
359BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F88FA 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 #5F88FA looks like.

```
.text, #text, p{  
    color:#5F88FA  
}
```

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 #5F88FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F88FA
}
```

## Border

The CSS property to change the border of an element to Hex 5F88FA 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
#5F88FA }
```

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

```
.border{ border-color:#5F88FA }
```

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

Here you see how a box with a 4 pixel #5F88FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F88FA; -webkit-box-shadow:4px 4px  
4px 4px #5F88FA; box-shadow:4px 4px 4px  
4px #5F88FA }
```

# Background

The CSS property to change the background color of an element to Hex 5F88FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F88FA }
```

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

```
.background{ background-color:#5F88FA }
```

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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