

# Converting Colors

Hex(57A0F3)

Have a look what the booklet for  
Hex(57A0F3) contains.

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# **Color**

**Hex(57A0F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57A0F3
RGB	87, 160, 243
RGB Percent	34%, 63%, 95%
CMY	0.6588, 0.3725, 0.0471
CMYK	0.64, 0.34, 0.00, 0.05
HSL	212°, 87%, 65%
HSV	212°, 64%, 95%
XYZ	32.6789, 33.6389, 89.5646
YIQ	147.6350, -70.1510, 10.3370

# Conversions

## Conversions Part 2

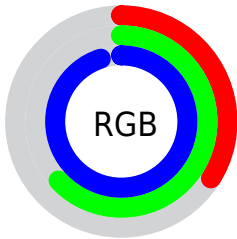
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	87, 137, 243
Decimal	5742835
CIE Lab	64.67, 2.54, -48.30
CIE LCh	65, 48.366, 273.012
Yxy	33.6389, 0.2096, 0.2158
Android (android.graphics.Color)	4283932915 (0xFF57A0F3)
YUV	147.6350, 47.0149, -53.1769
Hunter-Lab	57.9991, -0.9245, -50.9588

# Details

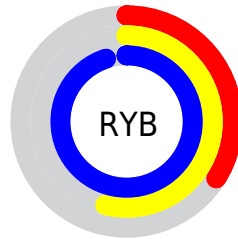
The Hex color **57A0F3** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **F3AA57**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **96D6FF**, and **006DBA** is the 20% darker color. If you saturate the color by 10%, you get **3F93F3**, and if you desaturate by 10%, it is **6FADF3**.

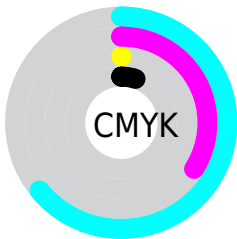
# Distribution



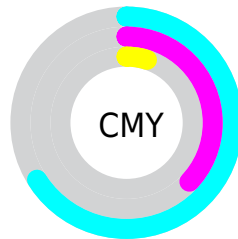
- Red (34%)
- Green (63%)
- Blue (95%)



- Red (34%)
- Yellow (54%)
- Blue (95%)



- Cyan (64%)
- Magenta (34%)
- Yellow (0%)
- Black (5%)



- Cyan (66%)
- Magenta (37%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57A0F3 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 57A0F3 by changing the saturation by 10% instead.



■ 57A0F3

■ 57A0F3

FFFFFF

■ 3286D6

■ 96D6FF

■ 006DBA

■ B4F3FF

■ 00559F

■ D2FFFF

■ 003E84

■ F1FFFF

■ 00296B

■ 001552

■ 00063A

■ 000224

■ 00000B

■ 57A0F3

■ 57A0F3

■ 3F93F3

■ 6FADF3

■ 2686F3

■ 88BAF3

■ 0E79F3

■ A0C7F3

■ 0072F3

■ B8D4F3

■ D0E1F3

■ E9EEF3

■ FFFBF3

■ FFFFF3

# Harmonies

## Analogous

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



00ACE9



57A0F3



A690E6

# Triad

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



57A0F3



EB7E70



4BB074

# Complementary

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



57A0F3



F3AA57

# 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.



85A851



57A0F3



D58C50

# Square

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



57A0F3



EC789A



B29C43



00B3A0

# Rectangle

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



57A0F3



C985D1



B29C43



61AE67

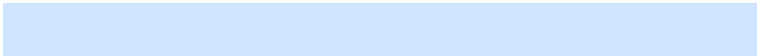


# Sweetspot

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



57A0F3



CFE5FF



57F3A8



627080



000000



808080



# Same Dimension

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



57A0F3



3B97FF



5A57F3



6E747A



0057BA



001B3B



# Inverse Universe

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



F357A0



FF3B97



F0F357



7A6E74



BA0057



3B001B



# Previews

## White Background



This preview shows how the Hex color 57A0F3 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 57A0F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

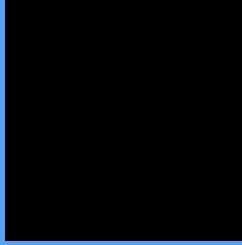
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

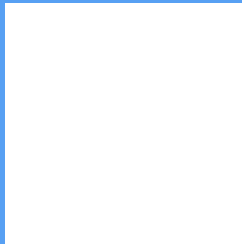
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 57A0F3 Background



This preview shows how black text looks on a background with the Hex color 57A0F3.

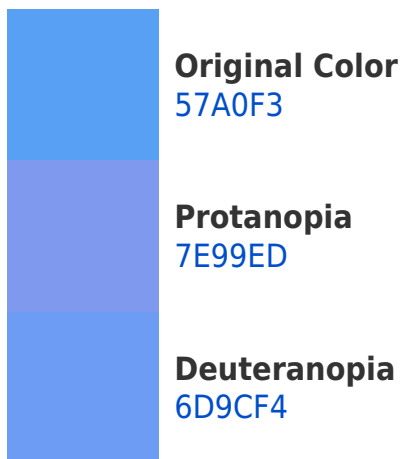


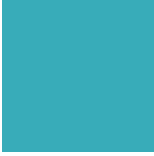
This preview shows how white text looks on a background with the Hex color 57A0F3.

# 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](#).

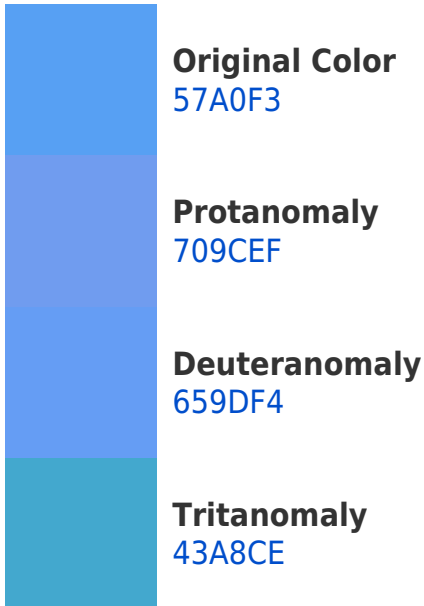
## Dichromacy



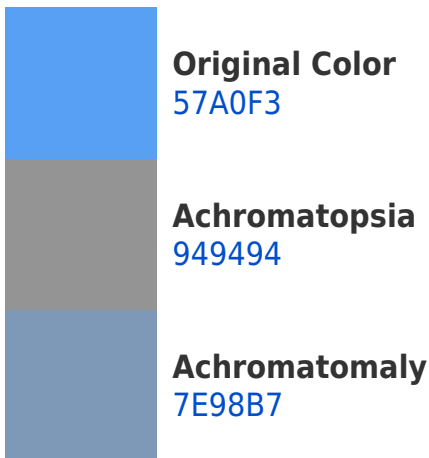


**Tritanopia**  
38ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57A0F3 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 #57A0F3 looks like.

```
.text, #text, p{  
    color:#57A0F3  
}
```

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 #57A0F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57A0F3  
}
```

## Border

The CSS property to change the border of an element to Hex 57A0F3 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  
#57A0F3 }
```

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

```
.border{ border-color:#57A0F3 }
```

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

Here you see how a box with a 4 pixel #57A0F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57A0F3; -webkit-box-shadow:4px 4px  
4px 4px #57A0F3; box-shadow:4px 4px 4px  
4px #57A0F3 }
```

# Background

The CSS property to change the background color of an element to Hex 57A0F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57A0F3 }
```

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

```
.background{ background-color:#57A0F3 }
```

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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