

Converting Colors

Hex(57A8FA)

Have a look what the booklet for
Hex(57A8FA) contains.

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Color

Hex(57A8FA)

Conversions

Conversions Part 1

Format	Color
Hex	57A8FA
RGB	87, 168, 250
RGB Percent	34%, 66%, 98%
CMY	0.6588, 0.3412, 0.0196
CMYK	0.65, 0.33, 0.00, 0.02
HSL	210°, 94%, 66%
HSV	210°, 65%, 98%
XYZ	35.1884, 36.9336, 95.7168
YIQ	153.1290, -74.5980, 8.3300

Conversions

Conversions Part 2

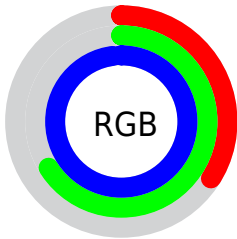
Format	Color
R _{YB}	87, 141, 250
Decimal	5744890
CIE Lab	67.23, 0.29, -48.09
CIE LCh	67, 48.096, 270.341
Yxy	36.9336, 0.2097, 0.2201
Android (android.graphics.Color)	4283934970 (0xFF57A8FA)
YUV	153.1290, 47.7574, -57.9951
Hunter-Lab	60.7730, -2.9989, -50.8399

Details

The Hex color **57A8FA** 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 **FAA957**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **97DFFF**, and **0074C1** is the 20% darker color. If you saturate the color by 10%, you get **3E9BFA**, and if you desaturate by 10%, it is **70B5FA**.

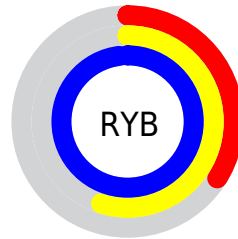
Distribution



Red (34%)

Green (66%)

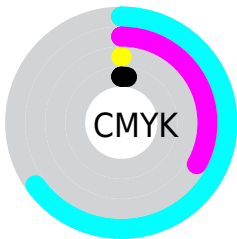
Blue (98%)



Red (34%)

Yellow (55%)

Blue (98%)

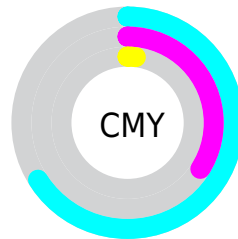


Cyan (65%)

Magenta (33%)

Yellow (0%)

Black (2%)



Cyan (66%)

Magenta (34%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Hex color 57A8FA 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 57A8FA by changing the saturation by 10% instead.

 57A8FA

 57A8FA

FFFFFF

 318EDD

 97DFFF

 0074C1

 B5FBFF

 005CA6

 D4FFFF

 00458B

 F2FFFF

 002F71

 001C58

 000740

 000329

 000113

■ 57A8FA

■ 57A8FA

■ 3E9BFA

■ 70B5FA

■ 258FFA

■ 89C1FA

■ 0C82FA

■ A2CEFA

■ 007CFA

■ BBDAFA

■ D4E7FA

■ EDF3FA

■ FFFFA

Harmonies

Analogous

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



00B3EE



57A8FA



A798EF

Triad

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



57A8FA



F3847A



59B677

Complementary

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



57A8FA



FAA957

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.



91AE56



57A8FA



DF9259

Square

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



57A8FA



F37FA5



BDA14A



00BAA3

Rectangle

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



57A8FA



CC8DDB



BDA14A



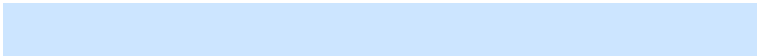
6EB46A

Sweetspot

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



57A8FA



CCE5FF



57FAA8



617080



000000



808080

Same Dimension

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



57A8FA



389BFF



5757FA



70777D



005EBD



001E3D

Inverse Universe

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



FA57A8



FF389B



FAFA57



7D7077



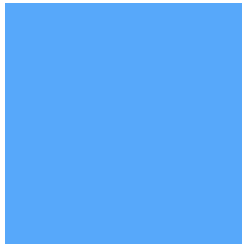
BD005E



3D001E

Previews

White Background



This preview shows how the Hex color 57A8FA looks on a white background.

Color Contrast Check

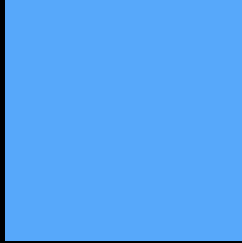
Large Text (above 18pt) WCAG AA × Fail

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 57A8FA 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

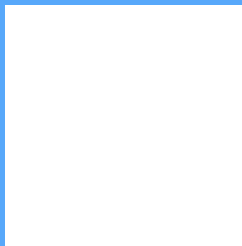
Any Text WCAG AAA ✓ Pass

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

Hex 57A8FA Background



This preview shows how black text looks on a background with the Hex color 57A8FA.

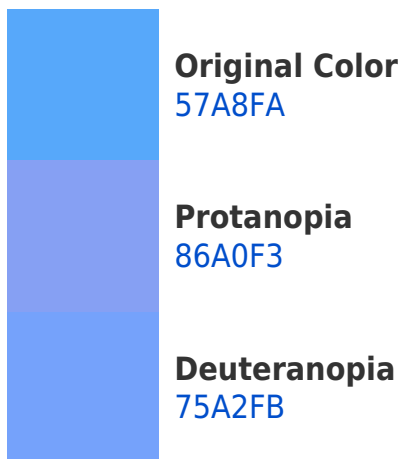


This preview shows how white text looks on a background with the Hex color 57A8FA.

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](#).

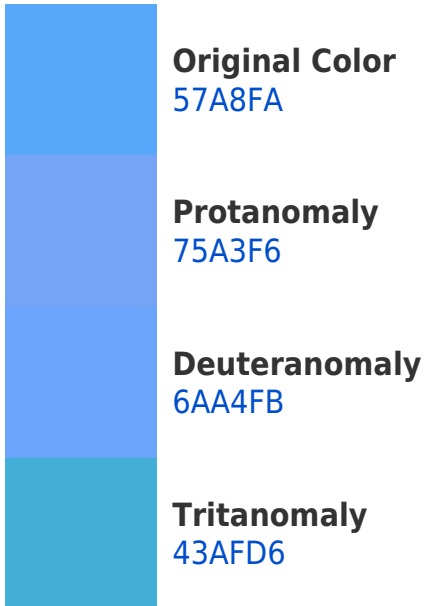
Dichromacy



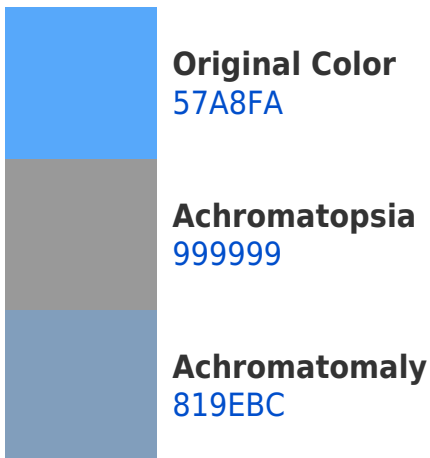


Tritanopia
37B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57A8FA 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 #57A8FA looks like.

```
.text, #text, p{  
    color:#57A8FA  
}
```

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 #57A8FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57A8FA
}
```

Border

The CSS property to change the border of an element to Hex 57A8FA 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
#57A8FA }
```

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

```
.border{ border-color:#57A8FA }
```

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

Here you see how a box with a 4 pixel #57A8FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57A8FA; -webkit-box-shadow:4px 4px  
4px 4px #57A8FA; box-shadow:4px 4px 4px  
4px #57A8FA }
```

Background

The CSS property to change the background color of an element to Hex 57A8FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57A8FA }
```

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

```
.background{ background-color:#57A8FA }
```

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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