

Converting Colors

Hex(5C9AFA)

Have a look what the booklet for
Hex(5C9AFA) contains.

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Color

Hex(5C9AFA)

Conversions

Conversions Part 1

Format	Color
Hex	5C9AFA
RGB	92, 154, 250
RGB Percent	36%, 60%, 98%
CMY	0.6392, 0.3961, 0.0196
CMYK	0.63, 0.38, 0.00, 0.02
HSL	216°, 94%, 67%
HSV	216°, 63%, 98%
XYZ	33.2246, 32.2886, 94.9237
YIQ	146.4060, -67.7680, 16.7120

Conversions

Conversions Part 2

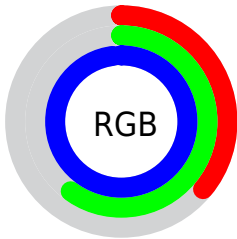
Format	Color
R_{YB}	92, 137, 250
Decimal	6068986
CIE _{Lab}	63.58, 9.20, -53.85
CIE _{LCh}	64, 54.631, 279.691
Yxy	32.2886, 0.2071, 0.2013
Android (android.graphics.Color)	4284259066 (0xFF5C9AFA)
YUV	146.4060, 51.0718, -47.7141
Hunter-Lab	56.8231, 4.9288, -59.2685

Details

The Hex color **5C9AFA** 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 **FABC5C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9AD0FF**, and **0068C1** is the 20% darker color. If you saturate the color by 10%, you get **438BFA**, and if you desaturate by 10%, it is **75A9FA**.

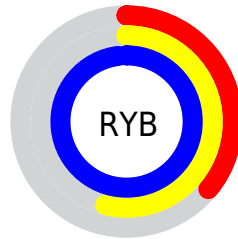
Distribution



Red (36%)

Green (60%)

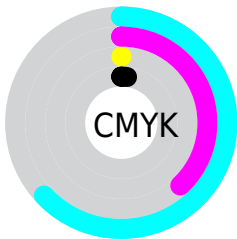
Blue (98%)



Red (36%)

Yellow (54%)

Blue (98%)

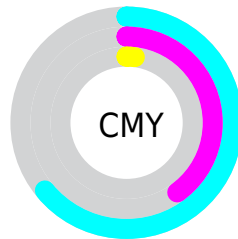


Cyan (63%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (64%)

Magenta (40%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C9AFA 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 5C9AFA by changing the saturation by 10% instead.

■ 5C9AFA

■ 5C9AFA

FFFFFF

■ 3880DD

■ 9AD0FF

■ 0068C1

■ B9ECFF

■ 0050A5

■ D7FFFF

■ 003A8B

■ F6FFFF

■ 002570

■ 001157

■ 00063F

■ 000328

■ 000112

■ 5C9AFA

■ 5C9AFA

■ 438BFA

■ 75A9FA

■ 2A7CFA

■ 8EB8FA

■ 116CFA

■ A7C8FA

■ 0062FA

■ C0D7FA

■ D9E6FA

■ F2F5FA

■ FFFFA

Harmonies

Analogous

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



00A8F5



5C9AFA



B287E5

Triad

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



5C9AFA



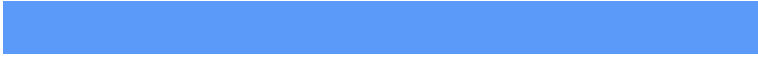
EC795E



0CB076

Complementary

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



5C9AFA



FABC5C

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.



71A94B



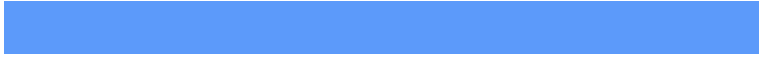
5C9AFA



D08B3C

Square

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



5C9AFA



F46E8C



A69D33



00B2A9

Rectangle

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



5C9AFA



D57ACC



A69D33



41AE67

Sweetspot

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



5C9AFA



CFE2FF



5CFABB



626E80



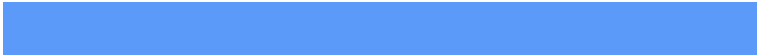
000000



808080

Same Dimension

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



5C9AFA



3D89FF



6C5CFA



70757D



004ABD



00183D

Inverse Universe

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



FA5C9A



FF3D89



EAF5C



7D7075



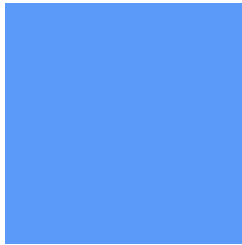
BD004A



3D0018

Previews

White Background



This preview shows how the Hex color 5C9AFA looks on a white background.

Color Contrast Check

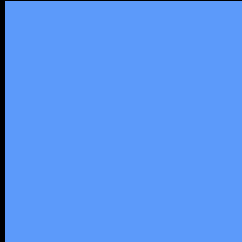
Large Text (above 18pt) WCAG AA × Fail

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 5C9AFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

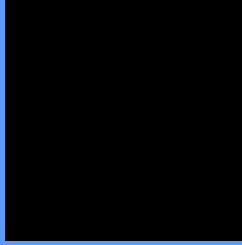
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

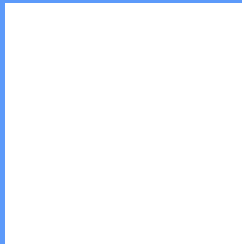
Any Text WCAG AAA ✓ Pass

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

Hex 5C9AFA Background



This preview shows how black text looks on a background with the Hex color 5C9AFA.



This preview shows how white text looks on a background with the Hex color 5C9AFA.

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](#).

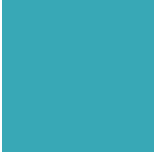
Dichromacy



Original Color
5C9AFA

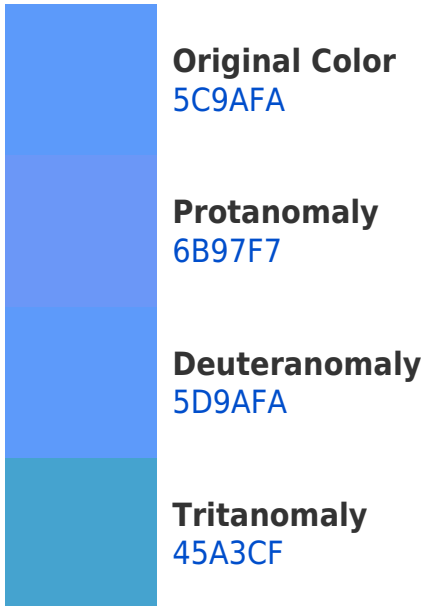
Protanopia
7496F6

Deuteranopia
5D9AFA

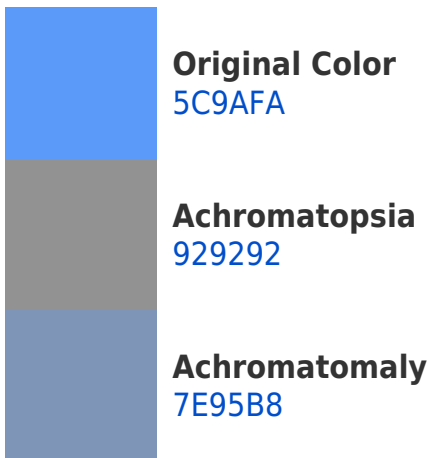


Tritanopia
38A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C9AFA 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 #5C9AFA looks like.

```
.text, #text, p{  
    color:#5C9AFA  
}
```

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 #5C9AFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9AFA
}
```

Border

The CSS property to change the border of an element to Hex 5C9AFA 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
#5C9AFA }
```

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

```
.border{ border-color:#5C9AFA }
```

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

Here you see how a box with a 4 pixel #5C9AFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9AFA; -webkit-box-shadow:4px 4px  
4px 4px #5C9AFA; box-shadow:4px 4px 4px  
4px #5C9AFA }
```

Background

The CSS property to change the background color of an element to Hex 5C9AFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9AFA }
```

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

```
.background{ background-color:#5C9AFA }
```

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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