

Converting Colors

Hex(5E9AFA)

Have a look what the booklet for
Hex(5E9AFA) contains.

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Color

Hex(5E9AFA)

Conversions

Conversions Part 1

Format	Color
Hex	5E9AFA
RGB	94, 154, 250
RGB Percent	37%, 60%, 98%
CMY	0.6314, 0.3961, 0.0196
CMYK	0.62, 0.38, 0.00, 0.02
HSL	217°, 94%, 67%
HSV	217°, 62%, 98%
XYZ	33.4270, 32.3930, 94.9332
YIQ	147.0040, -66.5760, 17.1360

Conversions

Conversions Part 2

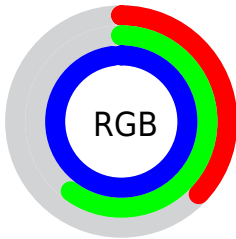
Format	Color
R_{YB}	94, 137, 250
Decimal	6200058
CIE _{Lab}	63.67, 9.54, -53.71
CIE _{LCh}	64, 54.551, 280.073
Yxy	32.3930, 0.2079, 0.2015
Android (android.graphics.Color)	4284390138 (0xFF5E9AFA)
YUV	147.0040, 50.7770, -46.4845
Hunter-Lab	56.9149, 5.2349, -59.0545

Details

The Hex color **5E9AFA** 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 **FABE5E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9CD0FF**, and **0068C1** is the 20% darker color. If you saturate the color by 10%, you get **458BFA**, and if you desaturate by 10%, it is **77A9FA**.

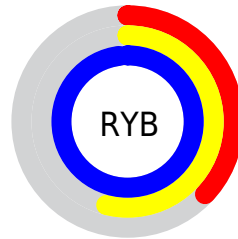
Distribution



Red (37%)

Green (60%)

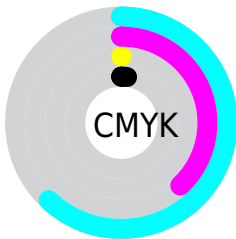
Blue (98%)



Red (37%)

Yellow (54%)

Blue (98%)

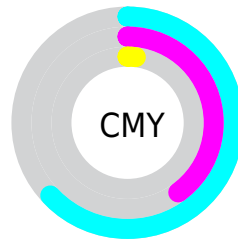


Cyan (62%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (63%)

Magenta (40%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E9AFA 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 5E9AFA by changing the saturation by 10% instead.

■ 5E9AFA

■ 5E9AFA

FFFFFF

■ 3B80DD

■ 9CD0FF

■ 0068C1

■ BAECFF

■ 0050A5

■ D9FFFF

■ 003A8B

■ F7FFFF

■ 002570

■ 001157

■ 00063F

■ 000328

■ 000112

■ 5E9AFA

■ 5E9AFA

■ 458BFA

■ 77A9FA

■ 2C7BFA

■ 90B9FA

■ 136CFA

■ A9C8FA

■ 0060FA

■ C2D8FA

■ DBE7FA

■ F4F6FA

■ FFFFA

Harmonies

Analogous

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



00A8F5



5E9AFA



B387E5

Triad

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



5E9AFA



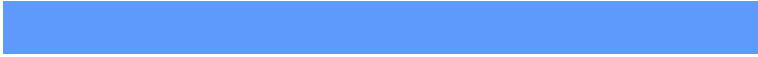
EC795E



08B077

Complementary

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



5E9AFA



FABE5E

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.



71A94C



5E9AFA



D08C3C

Square

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



5E9AFA



F46F8C



A69D34



00B2AA

Rectangle

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



5E9AFA



D57ACB



A69D34



40AE68

Sweetspot

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



5E9AFA



CFE1FF



5EFABC



626D80



000000



808080

Same Dimension

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



5E9AFA



4089FF



6E5EFA



70757D



0049BD



00183D

Inverse Universe

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



FA5E9A



FF4089



EAF45E



7D7075



BD0049



3D0018

Previews

White Background



This preview shows how the Hex color 5E9AFA looks on a white background.

Color Contrast Check

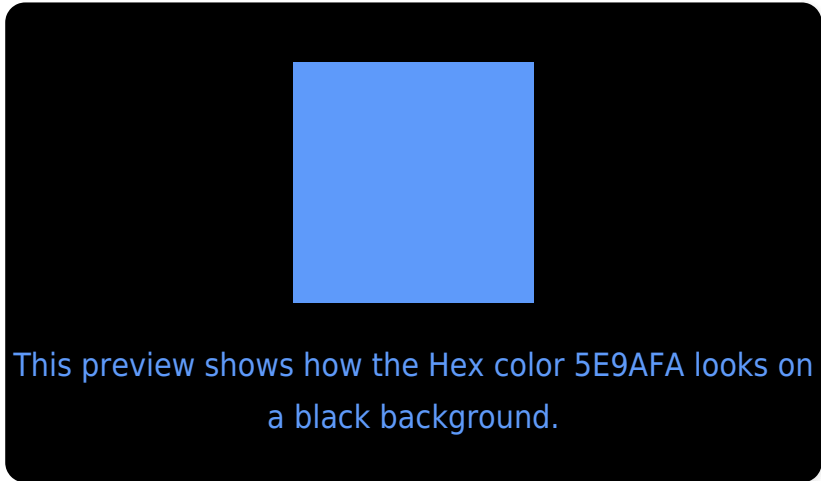
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

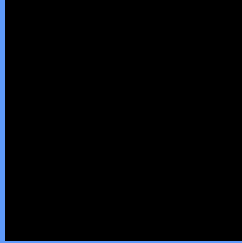
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

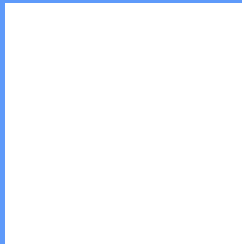
Any Text WCAG AAA ✓ Pass

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

Hex 5E9AFA Background



This preview shows how black text looks on a background with the Hex color 5E9AFA.



This preview shows how white text looks on a background with the Hex color 5E9AFA.

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](#).

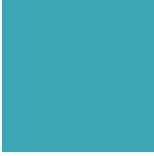
Dichromacy



Original Color
5E9AFA

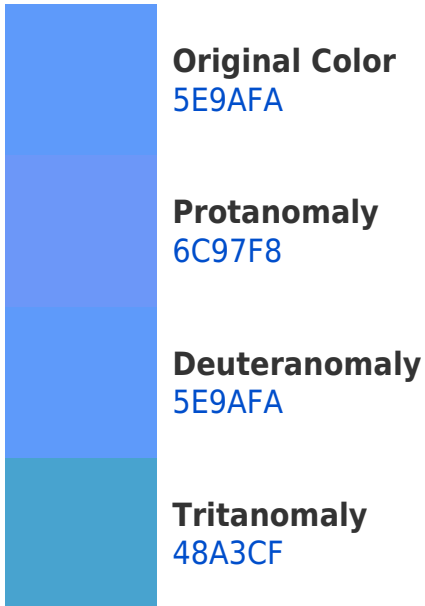
Protanopia
7496F7

Deuteranopia
5E9AFA

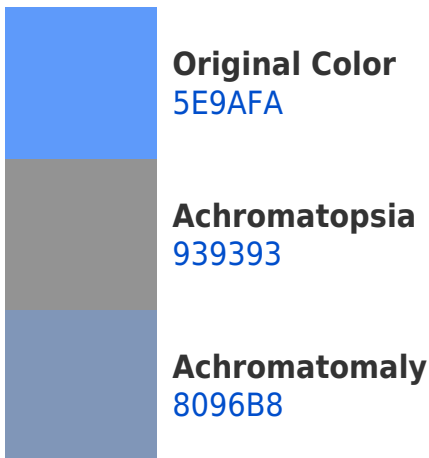


Tritanopia
3CA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E9AFA 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 #5E9AFA looks like.

```
.text, #text, p{  
    color:#5E9AFA  
}
```

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 #5E9AFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E9AFA
}
```

Border

The CSS property to change the border of an element to Hex 5E9AFA 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
#5E9AFA }
```

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

```
.border{ border-color:#5E9AFA }
```

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

Here you see how a box with a 4 pixel #5E9AFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E9AFA; -webkit-box-shadow:4px 4px  
4px 4px #5E9AFA; box-shadow:4px 4px 4px  
4px #5E9AFA }
```

Background

The CSS property to change the background color of an element to Hex 5E9AFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E9AFA }
```

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

```
.background{ background-color:#5E9AFA }
```

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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