

Converting Colors

Hex(51A0F9)

Have a look what the booklet for
Hex(51A0F9) contains.

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Color

Hex(51A0F9)

Conversions

Conversions Part 1

Format	Color
Hex	51A0F9
RGB	81, 160, 249
RGB Percent	32%, 63%, 98%
CMY	0.6824, 0.3725, 0.0235
CMYK	0.67, 0.36, 0.00, 0.02
HSL	212°, 93%, 65%
HSV	212°, 67%, 98%
XYZ	33.0630, 33.7305, 94.3906
YIQ	146.5250, -75.6530, 10.9310

Conversions

Conversions Part 2

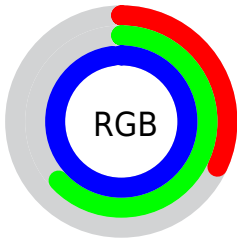
Format	Color
R _{YB}	81, 135, 249
Decimal	5349625
CIE Lab	64.75, 3.59, -51.48
CIE LCh	65, 51.605, 273.993
Yxy	33.7305, 0.2051, 0.2093
Android (android.graphics.Color)	4283539705 (0xFF51A0F9)
YUV	146.5250, 50.5202, -57.4654
Hunter-Lab	58.0780, -0.0187, -55.7058

Details

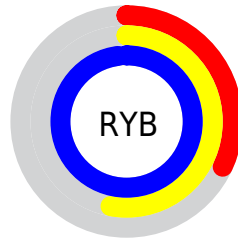
The Hex color **51A0F9** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **F9AA51**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **92D6FF**, and **006DC0** is the 20% darker color. If you saturate the color by 10%, you get **3893F9**, and if you desaturate by 10%, it is **6AADF9**.

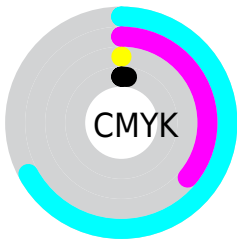
Distribution



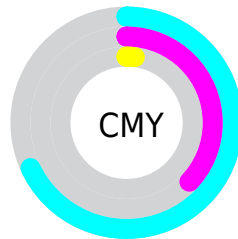
- Red (32%)
- Green (63%)
- Blue (98%)



- Red (32%)
- Yellow (53%)
- Blue (98%)



- Cyan (67%)
- Magenta (36%)
- Yellow (0%)
- Black (2%)



- Cyan (68%)
- Magenta (37%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51A0F9 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 51A0F9 by changing the saturation by 10% instead.

■ 51A0F9

■ 51A0F9

FFFFFF

■ 2886DC

■ 92D6FF

■ 006DC0

■ B0F3FF

■ 0055A4

■ CFFFFF

■ 003F8A

■ EEEFFF

■ 002A70

■ 001657

■ 00063F

■ 000328

■ 000112

■ 51A0F9

■ 51A0F9

■ 3893F9

■ 6AADF9

■ 1F86F9

■ 83BAF9

■ 0678F9

■ 9CC8F9

■ 0075F9

■ B5D5F9

■ CEE2F9

■ E6EFF9

■ FFFCF9

■ FFFFF9

Harmonies

Analogous

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



00ACEF



51A0F9



A88EEA

Triad

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



51A0F9



EF7C6C



3FB173

Complementary

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



51A0F9



F9AA51

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.



82A94D



51A0F9



D78C4A

Square

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



51A0F9



F17599



B29D3C



00B4A2

Rectangle

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



51A0F9



CD82D4



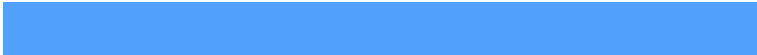
B29D3C



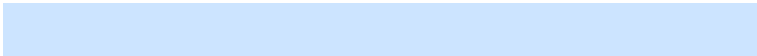
5AAF65

Sweetspot

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



51A0F9



CCE4FF



51F9A8



616F80



000000



808080

Same Dimension

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



51A0F9



3092FF



5451F9



70767D



0059BD



001D3D

Inverse Universe

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



F951A0



FF3092



F6F951



7D7076



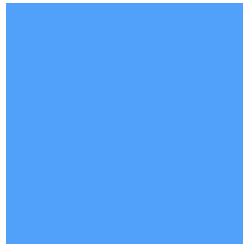
BD0059



3D001D

Previews

White Background



This preview shows how the Hex color 51A0F9 looks on a white background.

Color Contrast Check

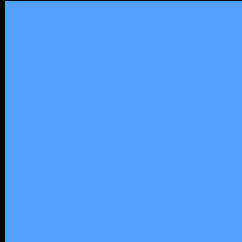
Large Text (above 18pt) WCAG AA × Fail

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 51A0F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

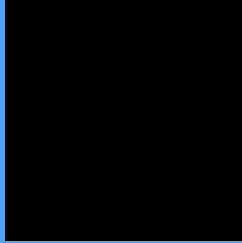
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

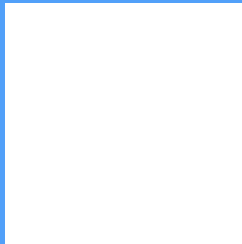
Any Text WCAG AAA ✓ Pass

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

Hex 51A0F9 Background



This preview shows how black text looks on a background with the Hex color 51A0F9.

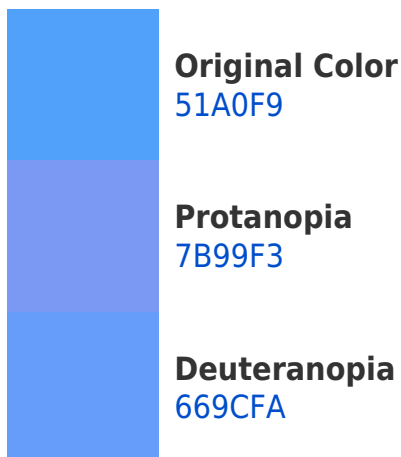


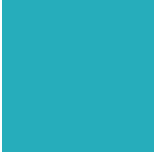
This preview shows how white text looks on a background with the Hex color 51A0F9.

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](#).

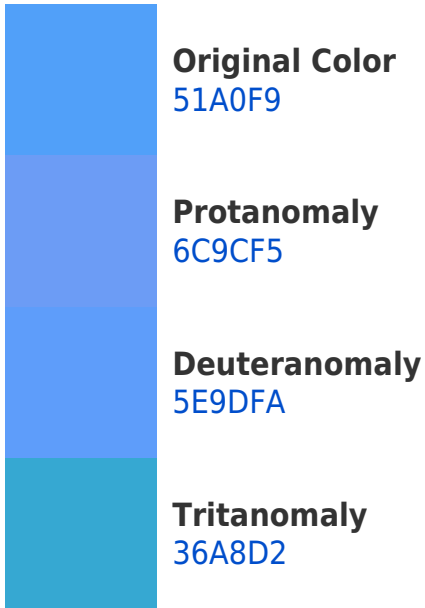
Dichromacy





Tritanopia
26ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51A0F9 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 #51A0F9 looks like.

```
.text, #text, p{  
    color:#51A0F9  
}
```

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 #51A0F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A0F9
}
```

Border

The CSS property to change the border of an element to Hex 51A0F9 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
#51A0F9 }
```

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

```
.border{ border-color:#51A0F9 }
```

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

Here you see how a box with a 4 pixel #51A0F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A0F9; -webkit-box-shadow:4px 4px  
4px 4px #51A0F9; box-shadow:4px 4px 4px  
4px #51A0F9 }
```

Background

The CSS property to change the background color of an element to Hex 51A0F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A0F9 }
```

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

```
.background{ background-color:#51A0F9 }
```

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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