

Converting Colors

Hex(51A0F8)

Have a look what the booklet for
Hex(51A0F8) contains.

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Color

Hex(51A0F8)

Conversions

Conversions Part 1

Format	Color
Hex	51A0F8
RGB	81, 160, 248
RGB Percent	32%, 63%, 97%
CMY	0.6824, 0.3725, 0.0275
CMYK	0.67, 0.35, 0.00, 0.03
HSL	212°, 92%, 65%
HSV	212°, 67%, 97%
XYZ	32.9074, 33.6683, 93.5712
YIQ	146.4110, -75.3320, 10.6200

Conversions

Conversions Part 2

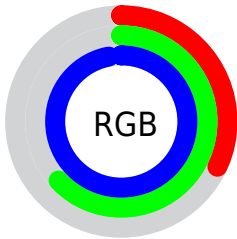
Format	Color
R _Y B	81, 135, 248
Decimal	5349624
CIE Lab	64.70, 3.25, -51.01
CIE LCh	65, 51.116, 273.651
Yxy	33.6683, 0.2055, 0.2102
Android (android.graphics.Color)	4283539704 (0xFF51A0F8)
YUV	146.4110, 50.0834, -57.3654
Hunter-Lab	58.0244, -0.3097, -54.9951

Details

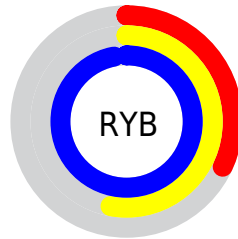
The Hex color **51A0F8** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **F8A951**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **92D6FF**, and **006DBF** is the 20% darker color. If you saturate the color by 10%, you get **3893F8**, and if you desaturate by 10%, it is **6AADF8**.

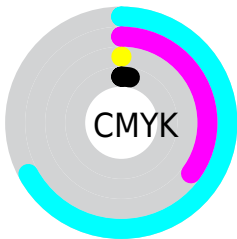
Distribution



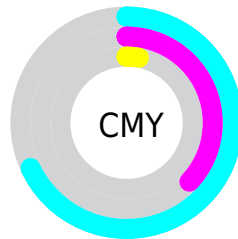
- Red (32%)
- Green (63%)
- Blue (97%)



- Red (32%)
- Yellow (53%)
- Blue (97%)



- Cyan (67%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)



- Cyan (68%)
- Magenta (37%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51A0F8 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 51A0F8 by changing the saturation by 10% instead.

 51A0F8

 51A0F8

FFFFFF

 2886DB

 92D6FF

 006DBF

 B0F3FF

 0055A4

 CFFFFFF

 003F89

 EFFFFFF

 002A6F

 001656

 00063E

 000327

 000111

■ 51A0F8

■ 51A0F8

■ 3893F8

■ 6AADF8

■ 1F86F8

■ 83BAF8

■ 0779F8

■ 9BC7F8

■ 0075F8

■ B4D4F8

■ CDE1F8

■ E6EEF8

■ FFFBF8

■ FFFFF8

Harmonies

Analogous

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



00ACEE



51A0F8



A78FE9

Triad

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



51A0F8



EE7C6D



42B173

Complementary

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



51A0F8



F8A951

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



51A0F8



D78C4B

Square

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



51A0F8



F17599



B29C3D



00B4A1

Rectangle

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



51A0F8



CC83D4



B29C3D



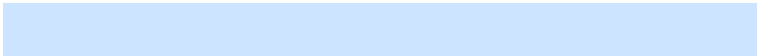
5BAF65

Sweetspot

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



51A0F8



CCE4FF



51F8A7



616F80



000000



808080

Same Dimension

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



51A0F8



3092FF



5451F8



70767D



0059BD



001D3D

Inverse Universe

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



F851A0



FF3092



F5F851



7D7076



BD0059



3D001D

Previews

White Background



This preview shows how the Hex color 51A0F8 looks on a white background.

Color Contrast Check

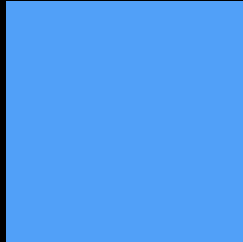
Large Text (above 18pt) WCAG AA × Fail

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 51A0F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

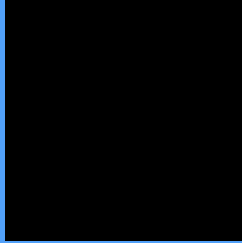
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

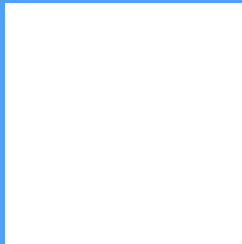
Any Text WCAG AAA ✓ Pass

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

Hex 51A0F8 Background



This preview shows how black text looks on a background with the Hex color 51A0F8.



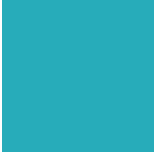
This preview shows how white text looks on a background with the Hex color 51A0F8.

Color Blindness Simulation

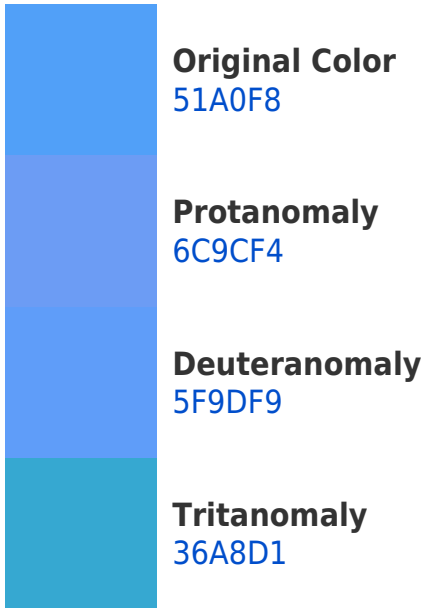
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

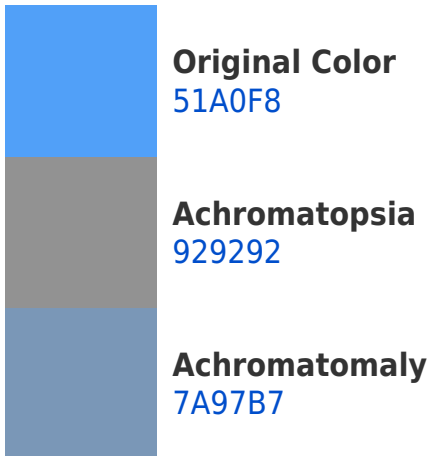




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51A0F8 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 #51A0F8 looks like.

```
.text, #text, p{  
    color:#51A0F8  
}
```

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 #51A0F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A0F8
}
```

Border

The CSS property to change the border of an element to Hex 51A0F8 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
#51A0F8 }
```

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

```
.border{ border-color:#51A0F8 }
```

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

Here you see how a box with a 4 pixel #51A0F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A0F8; -webkit-box-shadow:4px 4px  
4px 4px #51A0F8; box-shadow:4px 4px 4px  
4px #51A0F8 }
```

Background

The CSS property to change the background color of an element to Hex 51A0F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A0F8 }
```

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

```
.background{ background-color:#51A0F8 }
```

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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