

# Converting Colors

Hex(51D4FC)

Have a look what the booklet for  
Hex(51D4FC) contains.

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# **Color**

**Hex(51D4FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51D4FC
RGB	81, 212, 252
RGB Percent	32%, 83%, 99%
CMY	0.6824, 0.1686, 0.0118
CMYK	0.68, 0.16, 0.00, 0.01
HSL	194°, 97%, 65%
HSV	194°, 68%, 99%
XYZ	44.5075, 55.8646, 100.5326
YIQ	177.3910, -90.9160, -15.3320

# Conversions

## Conversions Part 2

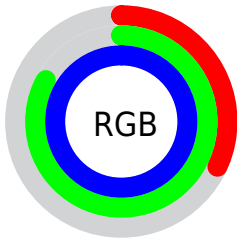
Format	Color
R <sub>Y</sub> B	81, 155, 252
Decimal	5362940
CIE Lab	79.54, -23.53, -30.03
CIE LCh	80, 38.149, 231.927
Yxy	55.8646, 0.2215, 0.2781
Android (android.graphics.Color)	4283553020 (0xFF51D4FC)
YUV	177.3910, 36.7822, -84.5349
Hunter-Lab	74.7426, -24.5069, -27.4282

# Details

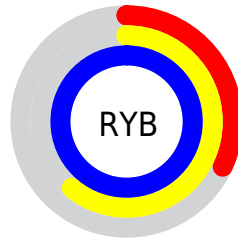
The Hex color **51D4FC** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FC7951**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **94FFFF**, and **009DC3** is the 20% darker color. If you saturate the color by 10%, you get **38CEFC**, and if you desaturate by 10%, it is **6ADAFC**.

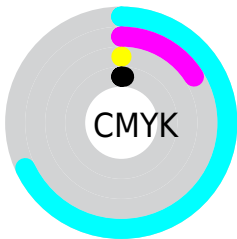
# Distribution



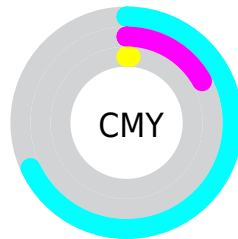
- Red (32%)
- Green (83%)
- Blue (99%)



- Red (32%)
- Yellow (61%)
- Blue (99%)



- Cyan (68%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (68%)
- Magenta (17%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51D4FC 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 51D4FC by changing the saturation by 10% instead.



 51D4FC

 51D4FC

FFFFFF

 24B8DF

 94FFFF

 009DC3

 B3FFFF

 0083A8

 D2FFFF

 006A8D

 F1FFFF

 005174

 003A5B

 002543

 00032D

 000118

■ 51D4FC

■ 51D4FC

■ 38CEFC

■ 6ADAFC

■ 1FC8FC

■ 83E0FC

■ 05C2FC

■ 9DE6FC

■ 00C1FC

■ B6ECFC

■ CFF1FC

■ E8F7FC

■ FFFDFC

FFFFFC

# Harmonies

## Analogous

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



49D8DE



51D4FC



84CBFF

# Triad

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



51D4FC



FFABD0



C3CB82

# Complementary

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



51D4FC



FC7951

# 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.



E6C07F



51D4FC



FFABAC

# Square

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



51D4FC



E9B3F1



FFB48E



9AD398

# Rectangle

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



51D4FC



AAC4FF



FFB48E



CFC77F

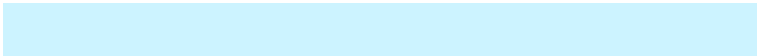


# Sweetspot

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



51D4FC



CCF3FF



51FC79



617880



000000



808080



# Same Dimension

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



51D4FC



30CFFF



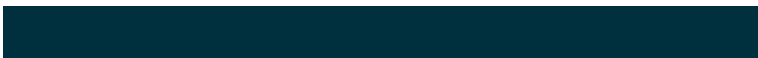
517FFC



707A7D



0091BD



002F3D



# Inverse Universe

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



FC51D4



FF30CF



FCCE51



7D707A



BD0091

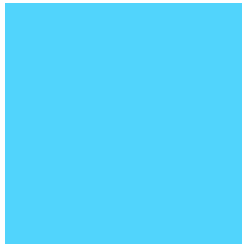


3D002F



# Previews

## White Background



This preview shows how the Hex color 51D4FC looks on a white background.

## Color Contrast Check

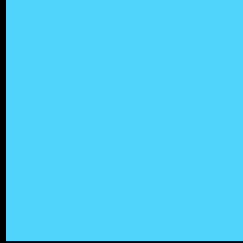
Large Text (above 18pt) WCAG AA × Fail

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 51D4FC 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 51D4FC Background



This preview shows how black text looks on a background with the Hex color 51D4FC.

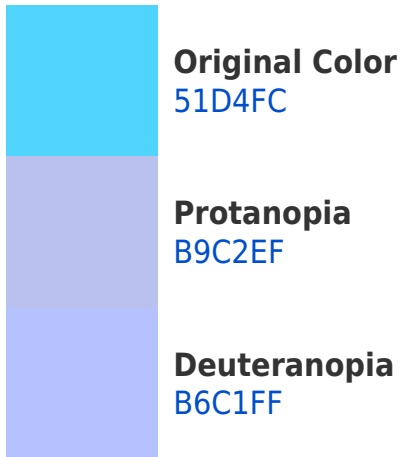


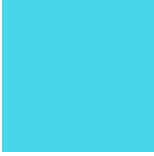
This preview shows how white text looks on a background with the Hex color 51D4FC.

# 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](#).

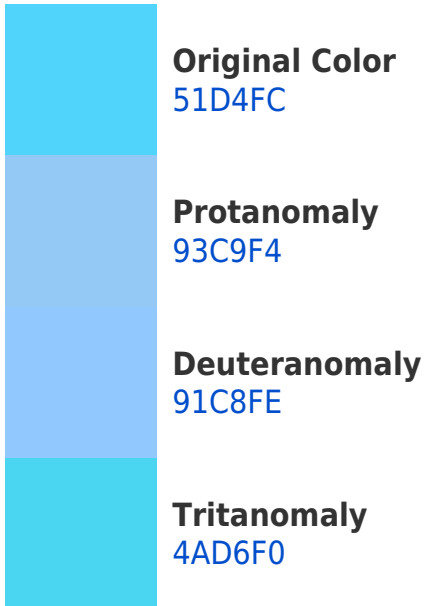
## Dichromacy



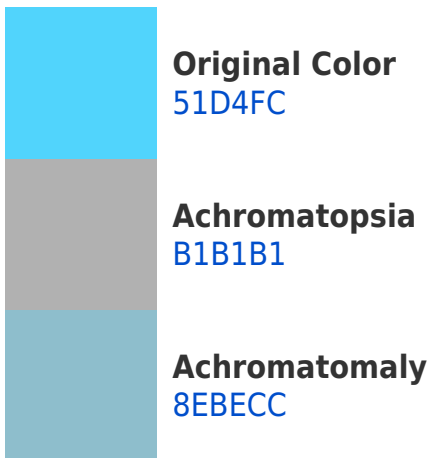


**Tritanopia**  
46D7E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51D4FC 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 #51D4FC looks like.

```
.text, #text, p{  
    color:#51D4FC  
}
```

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 #51D4FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51D4FC  
}
```

## Border

The CSS property to change the border of an element to Hex 51D4FC 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  
#51D4FC }
```

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

```
.border{ border-color:#51D4FC }
```

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

Here you see how a box with a 4 pixel #51D4FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51D4FC; -webkit-box-shadow:4px 4px  
4px 4px #51D4FC; box-shadow:4px 4px 4px  
4px #51D4FC }
```

# Background

The CSS property to change the background color of an element to Hex 51D4FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51D4FC }
```

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

```
.background{ background-color:#51D4FC }
```

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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