

Converting Colors

Hex(51CEFF)

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

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Color

Hex(51CEFF)

Conversions

Conversions Part 1

Format	Color
Hex	51CEFF
RGB	81, 206, 255
RGB Percent	32%, 81%, 100%
CMY	0.6824, 0.1922, 0.0000
CMYK	0.68, 0.19, 0.00, 0.00
HSL	197°, 100%, 66%
HSV	197°, 68%, 100%
XYZ	43.5146, 53.1119, 102.5659
YIQ	174.2110, -90.2290, -11.2610

Conversions

Conversions Part 2

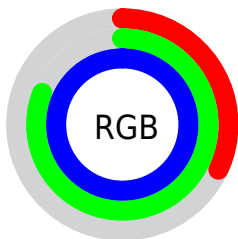
Format	Color
R _Y B	81, 154, 255
Decimal	5361407
CIE Lab	77.94, -19.56, -34.09
CIE LCh	78, 39.299, 240.157
Yxy	53.1119, 0.2185, 0.2666
Android (android.graphics.Color)	4283551487 (0xFF51CEFF)
YUV	174.2110, 39.8290, -81.7460
Hunter-Lab	72.8779, -20.9559, -32.4281

Details

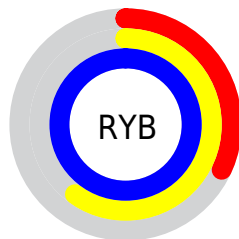
The Hex color **51CEFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF8251**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **94FFFF**, and **0098C6** is the 20% darker color. If you saturate the color by 10%, you get **38C7FF**, and if you desaturate by 10%, it is **6AD5FF**.

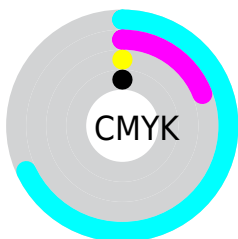
Distribution



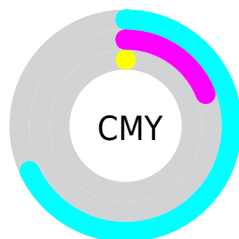
- Red (32%)
- Green (81%)
- Blue (100%)



- Red (32%)
- Yellow (60%)
- Blue (100%)



- Cyan (68%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 51CEFF

 51CEFF

FFFFFF

 24B2E2

 94FFFF

 0098C6

 B3FFFF

 007EAB

 D2FFFF

 006590

 F1FFFF

 004D76

 00365D

 002145

 00042F

 000119

■ 51CEFF

■ 51CEFF

■ 38C7FF

■ 6AD5FF

■ 1EC0FF

■ 84DCFF

■ 05B8FF

■ 9EE4FF

■ 00B7FF

■ B7EBFF

■ D1F2FF

■ EAF9FF

FFFFFF

Harmonies

Analogous

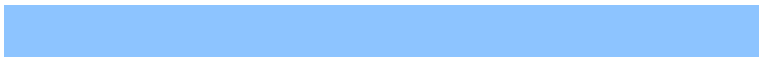
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34D3E4



51CEFF



8DC4FF

Triad

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



51CEFF



FFA5C2



B3C980

Complementary

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



51CEFF



FF8251

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.



D9BF77



51CEFF



FFA89E

Square

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



51CEFF



EFABE6



F7B282



87D19B

Rectangle

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



51CEFF



B4BCFF



F7B282



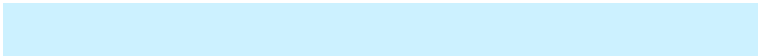
C0C67B

Sweetspot

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



51CEFF



CCF1FF



51FF7F



617780



000000



808080

Same Dimension

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



51CEFF



2EC4FF



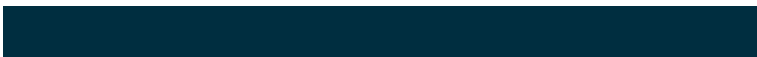
517AFF



737C80



0089BF



002E40

Inverse Universe

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



FF51CE



FF2EC4



FFD651



80737C



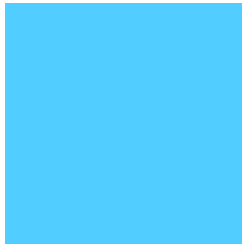
BF0089



40002E

Previews

White Background



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

Color Contrast Check

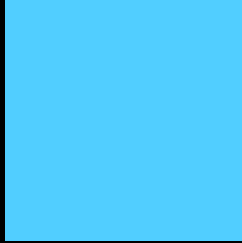
Large Text (above 18pt) WCAG AA × Fail

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 51CEFF 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

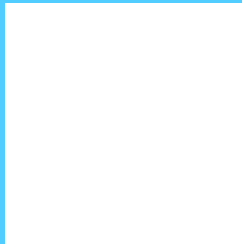
Any Text WCAG AAA ✓ Pass

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

Hex 51CEFF Background



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

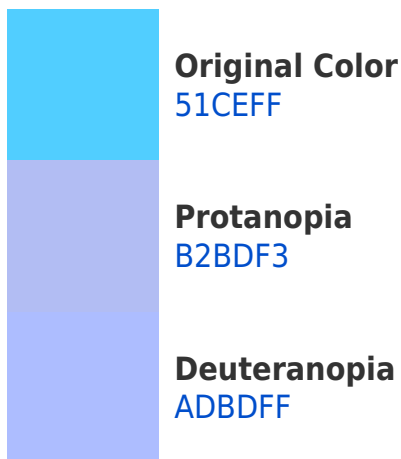


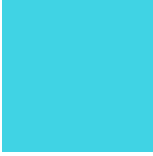
This preview shows how white text looks on a background with the Hex color 51CEFF.

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](#).

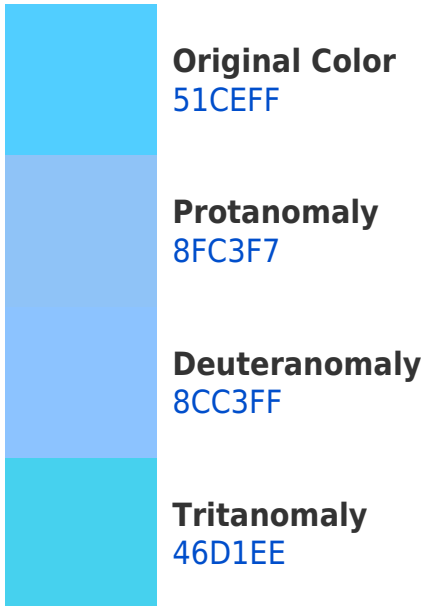
Dichromacy



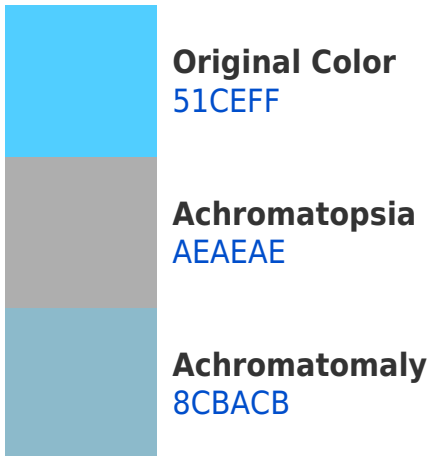


Tritanopia
40D3E4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #51CEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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