

Converting Colors

Hex(51C2FF)

Have a look what the booklet for
Hex(51C2FF) contains.

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Color

Hex(51C2FF)

Conversions

Conversions Part 1

Format	Color
Hex	51C2FF
RGB	81, 194, 255
RGB Percent	32%, 76%, 100%
CMY	0.6824, 0.2392, 0.0000
CMYK	0.68, 0.24, 0.00, 0.00
HSL	201°, 100%, 66%
HSV	201°, 68%, 100%
XYZ	40.7351, 47.5529, 101.6394
YIQ	167.1670, -86.9290, -4.9850

Conversions

Conversions Part 2

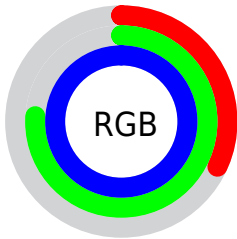
Format	Color
R _Y B	81, 150, 255
Decimal	5358335
CIE Lab	74.54, -13.29, -39.36
CIE LCh	75, 41.540, 251.339
Yxy	47.5529, 0.2145, 0.2504
Android (android.graphics.Color)	4283548415 (0xFF51C2FF)
YUV	167.1670, 43.3017, -75.5685
Hunter-Lab	68.9586, -15.2343, -39.1176

Details

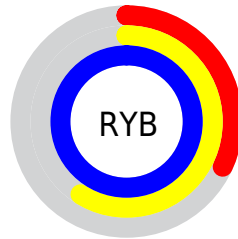
The Hex color **51C2FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF8E51**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **93FAFF**, and **008CC6** is the 20% darker color. If you saturate the color by 10%, you get **38B9FF**, and if you desaturate by 10%, it is **6ACBFF**.

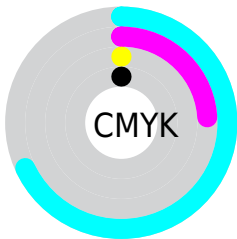
Distribution



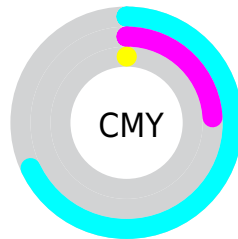
- Red (32%)
- Green (76%)
- Blue (100%)



- Red (32%)
- Yellow (59%)
- Blue (100%)



- Cyan (68%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51C2FF 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 51C2FF by changing the saturation by 10% instead.

 51C2FF

 51C2FF

FFFFFF

 25A7E2

 93FAFF

 008CC6

 B2FFFF

 0073AB

 D1FFFF

 005B90

 F0FFFF

 004376

 002D5D

 001A45

 00042E

 000118

■ 51C2FF

■ 51C2FF

■ 38B9FF

■ 6ACBFF

■ 1EB0FF

■ 84D4FF

■ 05A7FF

■ 9EDDFF

■ 00A6FF

■ B7E6FF

■ D1EFFF

■ EAF8FF

FFFFFF

Harmonies

Analogous

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



00C9E9



51C2FF



97B6FF

Triad

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



51C2FF



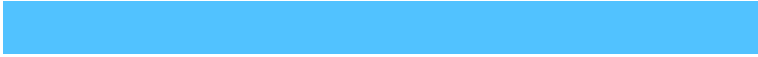
FF99AA



98C47D

Complementary

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



51C2FF



FF8E51

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.



C2BA6B



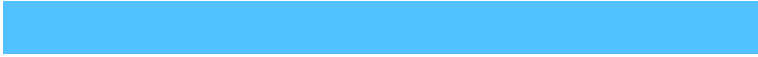
51C2FF



FCA087

Square

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



51C2FF



F39DD1



E5AD6F



67CA9E

Rectangle

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



51C2FF



BEADF9



E5AD6F



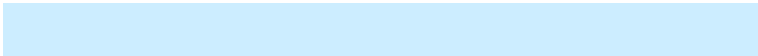
A7C175

Sweetspot

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



51C2FF



CCEDFF



51FF8E



617580



000000



808080

Same Dimension

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



51C2FF



2EB6FF



516BFF



737B80



007CBF



002940

Inverse Universe

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



FF51C2



FF2EB6



FFE551



80737B



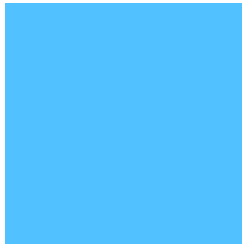
BF007C



400029

Previews

White Background



This preview shows how the Hex color 51C2FF looks on a white background.

Color Contrast Check

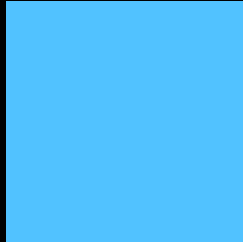
Large Text (above 18pt) WCAG AA × Fail

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 51C2FF 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

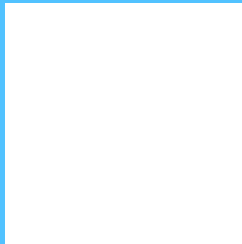
Any Text WCAG AAA ✓ Pass

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

Hex 51C2FF Background



This preview shows how black text looks on a background with the Hex color 51C2FF.

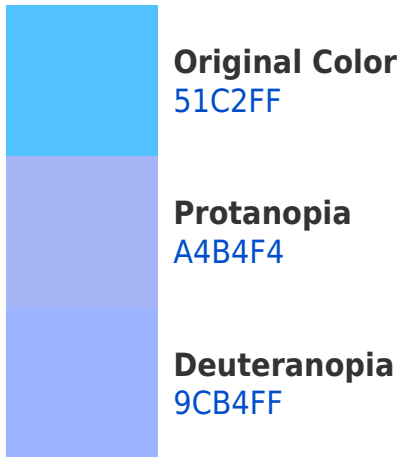


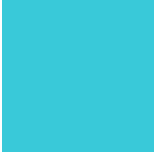
This preview shows how white text looks on a background with the Hex color 51C2FF.

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](#).

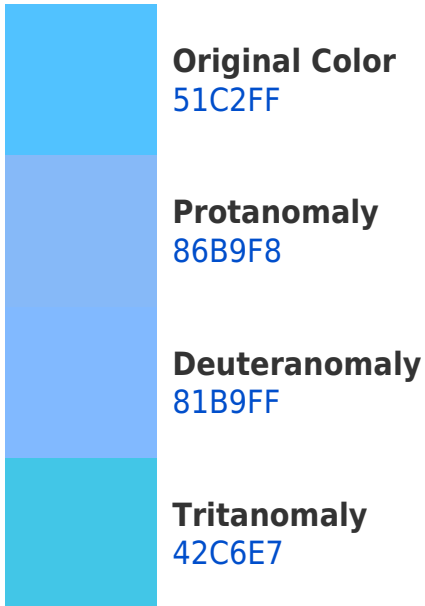
Dichromacy



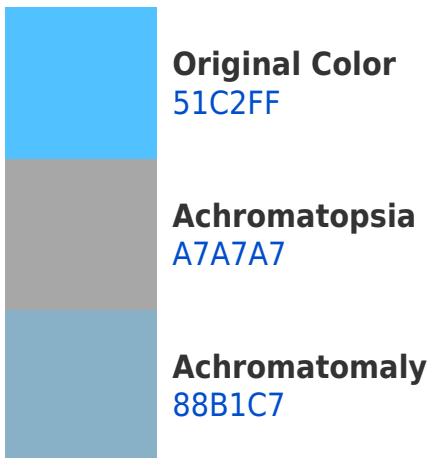


Tritanopia
39C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51C2FF 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 #51C2FF looks like.

```
.text, #text, p{  
    color:#51C2FF  
}
```

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 #51C2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C2FF
}
```

Border

The CSS property to change the border of an element to Hex 51C2FF 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
#51C2FF }
```

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

```
.border{ border-color:#51C2FF }
```

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

Here you see how a box with a 4 pixel #51C2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C2FF; -webkit-box-shadow:4px 4px  
4px 4px #51C2FF; box-shadow:4px 4px 4px  
4px #51C2FF }
```

Background

The CSS property to change the background color of an element to Hex 51C2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C2FF }
```

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

```
.background{ background-color:#51C2FF }
```

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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