

Converting Colors

Hex(50C7FF)

Have a look what the booklet for
Hex(50C7FF) contains.

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Color

Hex(50C7FF)

Conversions

Conversions Part 1

Format	Color
Hex	50C7FF
RGB	80, 199, 255
RGB Percent	31%, 78%, 100%
CMY	0.6863, 0.2196, 0.0000
CMYK	0.69, 0.22, 0.00, 0.00
HSL	199°, 100%, 66%
HSV	199°, 69%, 100%
XYZ	41.7817, 49.7723, 102.0126
YIQ	169.8030, -88.9000, -7.8120

Conversions

Conversions Part 2

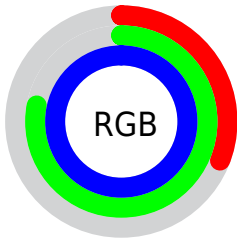
Format	Color
R _Y B	80, 151, 255
Decimal	5294079
CIE Lab	75.93, -16.07, -37.20
CIE LCh	76, 40.525, 246.638
Yxy	49.7723, 0.2159, 0.2571
Android (android.graphics.Color)	4283484159 (0xFF50C7FF)
YUV	169.8030, 42.0021, -78.7572
Hunter-Lab	70.5495, -17.7482, -36.3471

Details

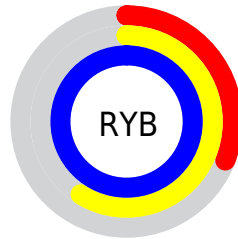
The Hex color **50C7FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF8850**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **93FFFF**, and **0091C6** is the 20% darker color. If you saturate the color by 10%, you get **37BFFF**, and if you desaturate by 10%, it is **6ACFFF**.

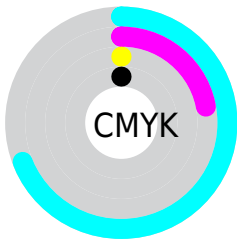
Distribution



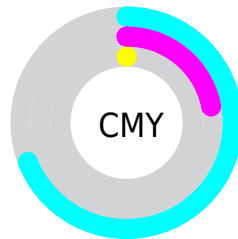
- Red (31%)
- Green (78%)
- Blue (100%)



- Red (31%)
- Yellow (59%)
- Blue (100%)



- Cyan (69%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50C7FF 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 50C7FF by changing the saturation by 10% instead.

 50C7FF

 50C7FF

FFFFFF

 22ACE2

 93FFFF

 0091C6

 B2FFFF

 0077AB

 D1FFFF

 005F90

 F0FFFF

 004776

 00315D

 001D45

 00042E

 000119

■ 50C7FF

■ 50C7FF

■ 37BFFF

■ 6ACFFF

■ 1DB7FF

■ 83D7FF

■ 04AFFF

■ 9DDFFF

■ 00ADFF

■ B6E8FF

■ D0F0FF

■ E9F8FF

FFFFFF

Harmonies

Analogous

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



14CDE7



50C7FF



93BCFF

Triad

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



50C7FF



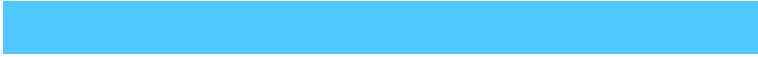
FF9EB4



A3C67E

Complementary

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



50C7FF



FF8850

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.



CCBC70



50C7FF



FFA390

Square

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



50C7FF



F1A2DA



ECAF77



75CD9C

Rectangle

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



50C7FF



B9B3FE



ECAF77



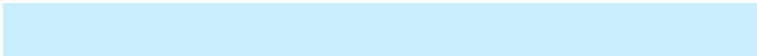
B2C377

Sweetspot

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



50C7FF



C9EEFF



50FF87



607580



000000



808080

Same Dimension

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



50C7FF



2EBCFF



5070FF



737B80



0082BF



002B40

Inverse Universe

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



FF50C7



FF2EBC



FFDF50



80737B



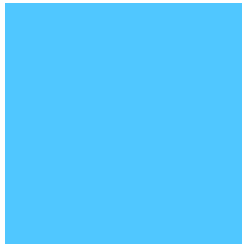
BF0082



40002B

Previews

White Background



This preview shows how the Hex color 50C7FF looks on a white background.

Color Contrast Check

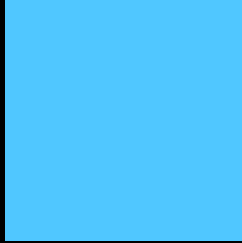
Large Text (above 18pt) WCAG AA × Fail

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 50C7FF 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

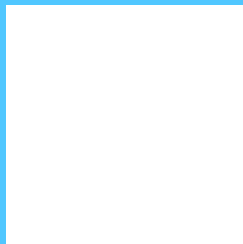
Any Text WCAG AAA ✓ Pass

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

Hex 50C7FF Background



This preview shows how black text looks on a background with the Hex color 50C7FF.

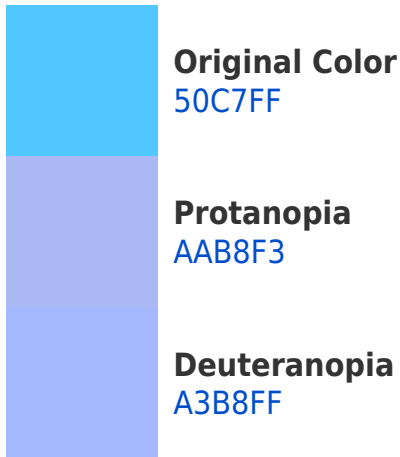


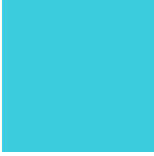
This preview shows how white text looks on a background with the Hex color 50C7FF.

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](#).

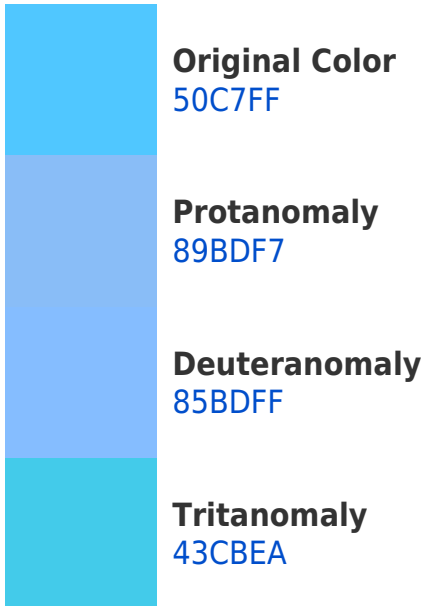
Dichromacy



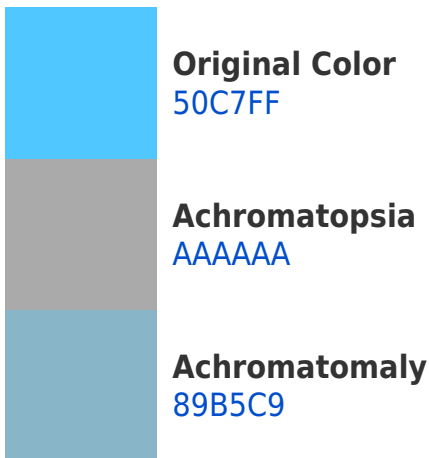


Tritanopia
3BCDDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50C7FF 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 #50C7FF looks like.

```
.text, #text, p{  
    color:#50C7FF  
}
```

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 #50C7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C7FF
}
```

Border

The CSS property to change the border of an element to Hex 50C7FF 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
#50C7FF }
```

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

```
.border{ border-color:#50C7FF }
```

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

Here you see how a box with a 4 pixel #50C7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C7FF; -webkit-box-shadow:4px 4px  
4px 4px #50C7FF; box-shadow:4px 4px 4px  
4px #50C7FF }
```

Background

The CSS property to change the background color of an element to Hex 50C7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C7FF }
```

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

```
.background{ background-color:#50C7FF }
```

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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