

Converting Colors

Hex(50C4F0)

Have a look what the booklet for
Hex(50C4F0) contains.

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Color

Hex(50C4F0)

Conversions

Conversions Part 1

Format	Color
Hex	50C4F0
RGB	80, 196, 240
RGB Percent	31%, 77%, 94%
CMY	0.6863, 0.2314, 0.0588
CMYK	0.67, 0.18, 0.00, 0.06
HSL	196°, 84%, 63%
HSV	196°, 67%, 94%
XYZ	38.7764, 47.4766, 89.5582
YIQ	166.3320, -83.2600, -10.9080

Conversions

Conversions Part 2

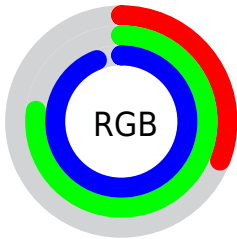
Format	Color
RYB	80, 147, 240
Decimal	5293296
CIELab	74.49, -19.22, -31.37
CIELCh	74, 36.789, 238.495
Yxy	47.4766, 0.2206, 0.2700
Android (android.graphics.Color)	4283483376 (0xFF50C4F0)
YUV	166.3320, 36.3183, -75.7132
Hunter-Lab	68.9033, -20.1271, -28.8309

Details

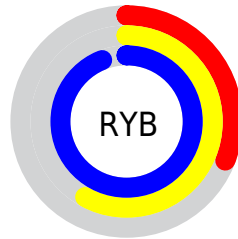
The Hex color **50C4F0** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **F07C50**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **91FDFF**, and **008EB8** is the 20% darker color. If you saturate the color by 10%, you get **38BDF0**, and if you desaturate by 10%, it is **68CBF0**.

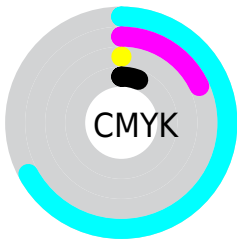
Distribution



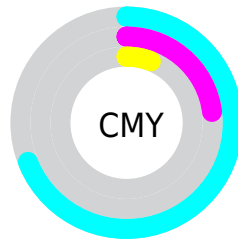
- Red (31%)
- Green (77%)
- Blue (94%)



- Red (31%)
- Yellow (58%)
- Blue (94%)



- Cyan (67%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (69%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50C4F0 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 50C4F0 by changing the saturation by 10% instead.

 50C4F0

 50C4F0

FFFFFF

 26A9D4

 91FDFD

 008EB8

 B0FFFF

 00759D

 CEFFFF

 005C83

 EDFFFF

 004469

 002E51

 001B3A

 000224

 00000B

 50C4F0

 50C4F0

 38BDF0

 68CBF0

 20B7F0

 80D1F0

 08B0F0

 98D8F0

 00AEF0

 B0DEF0

 C8E5F0

 E0ECF0

 F8F2F0

 FFF9F0

 FFFFF0

Harmonies

Analogous

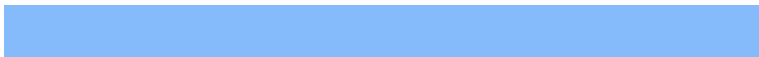
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3BC9D6



50C4F0



85BBFA

Triad

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



50C4F0



F69DBA



ADBF7B

Complementary

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



50C4F0



F07C50

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.



D0B573



50C4F0



F9A099

Square

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



50C4F0



E1A4DB



EBA97F



85C693

Rectangle

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



50C4F0



A9B3F7



EBA97F



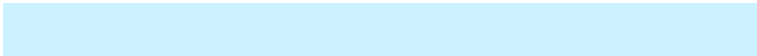
B9BC76

Sweetspot

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



50C4F0



CCF1FF



50F07B



617780



000000



808080

Same Dimension

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



50C4F0



33C7FF



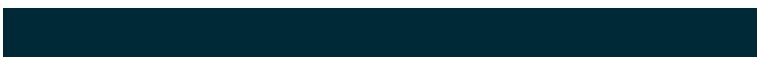
5075F0



6C7578



0085B8



002938

Inverse Universe

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



F050C4



FF33C7



F0CB50



786C75



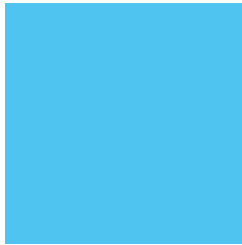
B80085



380029

Previews

White Background



This preview shows how the Hex color 50C4F0 looks on a white background.

Color Contrast Check

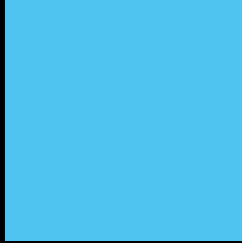
Large Text (above 18pt) WCAG AA × Fail

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 50C4F0 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 50C4F0 Background



This preview shows how black text looks on a background with the Hex color 50C4F0.

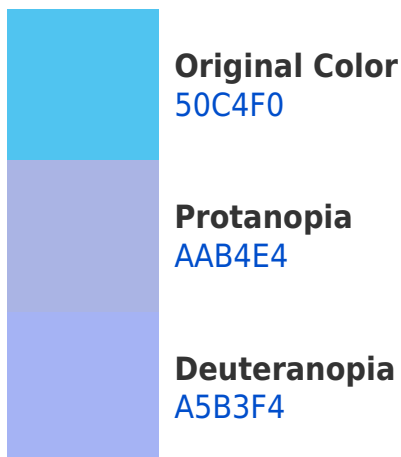


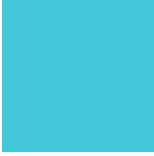
This preview shows how white text looks on a background with the Hex color 50C4F0.

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](#).

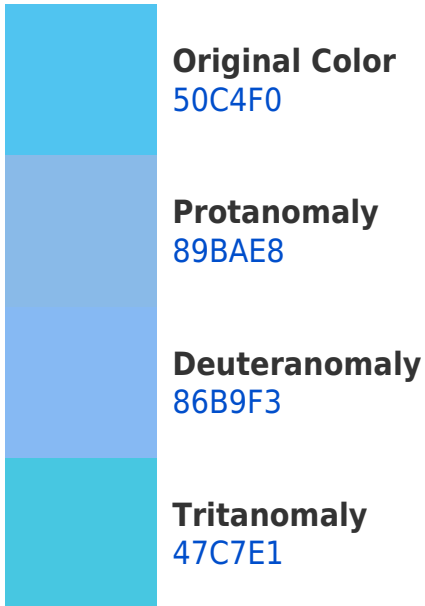
Dichromacy



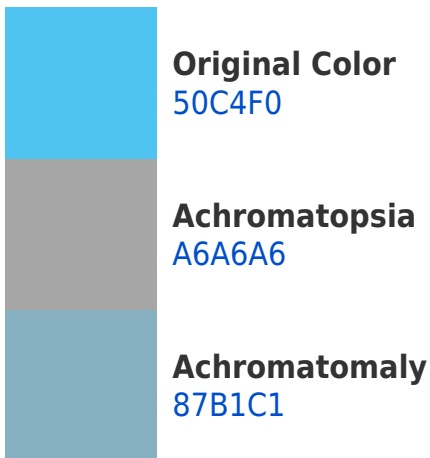


Tritanopia
42C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50C4F0 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 #50C4F0 looks like.

```
.text, #text, p{  
    color:#50C4F0  
}
```

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 #50C4F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C4F0
}
```

Border

The CSS property to change the border of an element to Hex 50C4F0 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
#50C4F0 }
```

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

```
.border{ border-color:#50C4F0 }
```

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

Here you see how a box with a 4 pixel #50C4F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C4F0; -webkit-box-shadow:4px 4px  
4px 4px #50C4F0; box-shadow:4px 4px 4px  
4px #50C4F0 }
```

Background

The CSS property to change the background color of an element to Hex 50C4F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C4F0 }
```

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

```
.background{ background-color:#50C4F0 }
```

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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