

Converting Colors

Hex(00C7FC)

Have a look what the booklet for
Hex(00C7FC) contains.

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Color

Hex(00C7FC)

Conversions

Conversions Part 1

Format	Color
Hex	00C7FC
RGB	0, 199, 252
RGB Percent	0%, 78%, 99%
CMY	1.0000, 0.2196, 0.0118
CMYK	1.00, 0.21, 0.00, 0.01
HSL	193°, 100%, 49%
HSV	193°, 100%, 99%
XYZ	37.9941, 47.8751, 99.3338
YIQ	145.5410, -135.6170, -25.7050

Conversions

Conversions Part 2

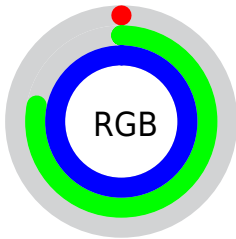
Format	Color
RYB	0, 111, 252
Decimal	51196
CIELab	74.75, -22.82, -37.51
CIELCh	75, 43.912, 238.684
Yxy	47.8751, 0.2051, 0.2585
Android (android.graphics.Color)	4278241276 (0xFF00C7FC)
YUV	145.5410, 52.4843, -127.6395
Hunter-Lab	69.1919, -23.0692, -36.6841

Details

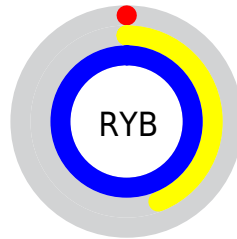
The Hex color **00C7FC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FC3500**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **72FFFF**, and **0091C3** is the 20% darker color. If you saturate the color by 10%, you get **00C7FC**, and if you desaturate by 10%, it is **19CCFC**.

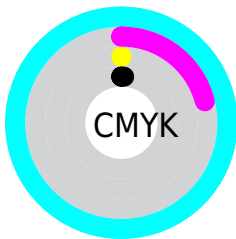
Distribution



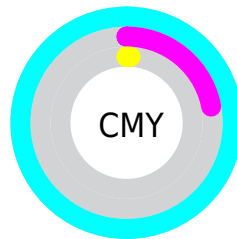
- Red (0%)
- Green (78%)
- Blue (99%)



- Red (0%)
- Yellow (44%)
- Blue (99%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (22%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C7FC 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 00C7FC by changing the saturation by 10% instead.

 00C7FC

 00C7FC

FFFFFF

 00ACDF

 72FFFF

 0091C3

 94FFFF

 0077A8

 B5FFFF

 005E8D

 D5FFFF

 004673

 F5FFFF

 00305B

 001D43

 00032C

 000116

 00C7FC

 19CCFC

 32D2FC

 4CD7FC

 65DCFC

 7EE2FC

 97E7FC

 B0ECFC

 CAF1FC

 E3F7FC

Harmonies

Analogous

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



00CCDD



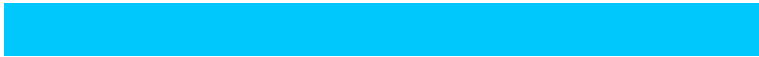
00C7FC



76BDFE

Triad

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



00C7FC



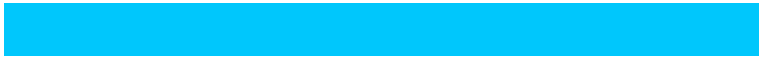
FF98BB



AAC16F

Complementary

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



00C7FC



FC3500

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.



D3B566



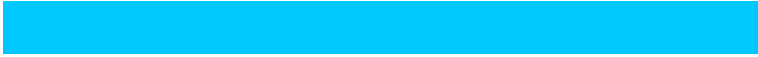
00C7FC



FF9B93

Square

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



00C7FC



E9A0E3



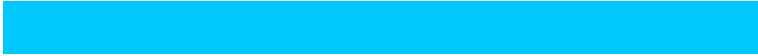
F3A774



79C98D

Rectangle

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



00C7FC



A5B3FF



F3A774



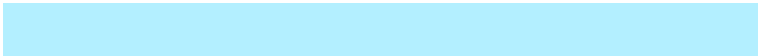
B9BD6A

Sweetspot

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



00C7FC



B3EFFF



00FC32



527680



000000



808080

Same Dimension

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



00C7FC



00C9FF



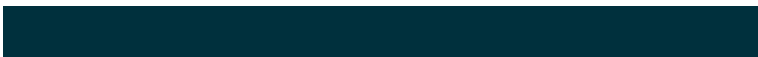
004CFC



707A7D



0095BD



00303D

Inverse Universe

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



FC00C7



FF00C9



FCB000



7D707A



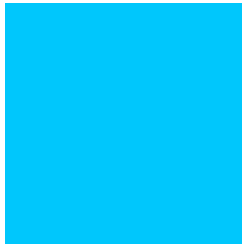
BD0095



3D0030

Previews

White Background



This preview shows how the Hex color 00C7FC looks on a white background.

Color Contrast Check

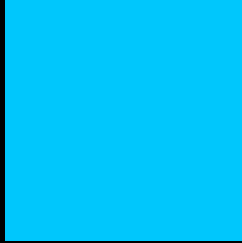
Large Text (above 18pt) WCAG AA × Fail

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 00C7FC 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 00C7FC Background



This preview shows how black text looks on a background with the Hex color 00C7FC.

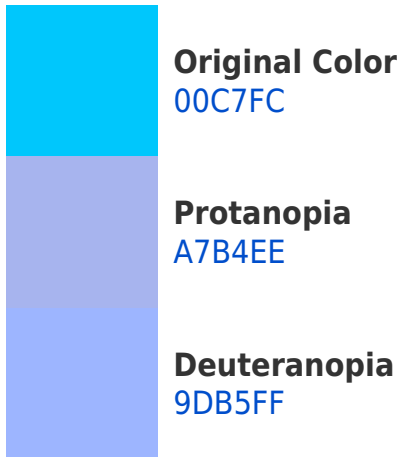


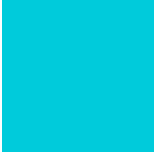
This preview shows how white text looks on a background with the Hex color 00C7FC.

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
00CBDB

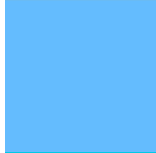
Trichromacy



Original Color
00C7FC



Protanomaly
6ABBF3



Deuteranomaly
64BCFE



Tritanomaly
00CAE7

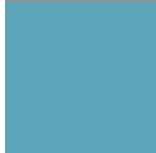
Monochromacy



Original Color
00C7FC



Achromatopsia
929292



Achromatomaly
5DA5B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C7FC 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 #00C7FC looks like.

```
.text, #text, p{  
    color:#00C7FC  
}
```

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 #00C7FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C7FC
}
```

Border

The CSS property to change the border of an element to Hex 00C7FC 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
#00C7FC }
```

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

```
.border{ border-color:#00C7FC }
```

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

Here you see how a box with a 4 pixel #00C7FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C7FC; -webkit-box-shadow:4px 4px  
4px 4px #00C7FC; box-shadow:4px 4px 4px  
4px #00C7FC }
```

Background

The CSS property to change the background color of an element to Hex 00C7FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C7FC }
```

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

```
.background{ background-color:#00C7FC }
```

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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