

# Converting Colors

Hex(00C2FC)

Have a look what the booklet for  
Hex(00C2FC) contains.

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# **Color**

**Hex(00C2FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C2FC
RGB	0, 194, 252
RGB Percent	0%, 76%, 99%
CMY	1.0000, 0.2392, 0.0118
CMYK	1.00, 0.23, 0.00, 0.01
HSL	194°, 100%, 49%
HSV	194°, 100%, 99%
XYZ	36.8625, 45.6118, 98.9566
YIQ	142.6060, -134.2420, -23.0900

# Conversions

## Conversions Part 2

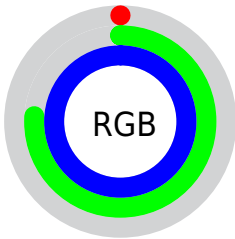
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 110, 252
Decimal	49916
CIELab	73.29, -20.25, -39.77
CIELCh	73, 44.634, 243.014
Yxy	45.6118, 0.2032, 0.2514
Android (android.graphics.Color)	4278239996 (0xFF00C2FC)
YUV	142.6060, 53.9312, -125.0655
Hunter-Lab	67.5365, -20.7609, -39.5979

# Details

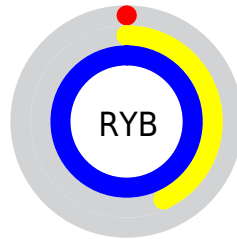
The Hex color **00C2FC** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FC3A00**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **71FBFF**, and **008CC3** is the 20% darker color. If you saturate the color by 10%, you get **00C2FC**, and if you desaturate by 10%, it is **19C8FC**.

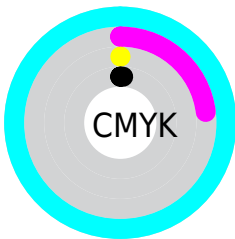
# Distribution



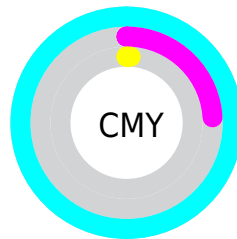
- Red (0%)
- Green (76%)
- Blue (99%)



- Red (0%)
- Yellow (43%)
- Blue (99%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (24%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C2FC 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 00C2FC by changing the saturation by 10% instead.



 00C2FC

FFFFFF

 71FBFF

 94FFFF

 B4FFFF

 D4FFFF

 F4FFFF

 00C2FC

 00A7DF

 008CC3

 0073A8

 005A8D

 004373

 002C5A

 001843

 00032C

 000116

 00C2FC

 19C8FC

 32CEFC

 4CD3FC

 65D9FC

 7EDFFC

 97E5FC

 B0EBFC

 CAF0FC

 E3F6FC

# Harmonies

## Analogous

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



00C8DF



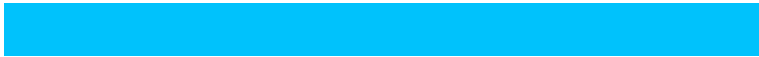
00C2FC



7BB7FF

# Triad

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



00C2FC



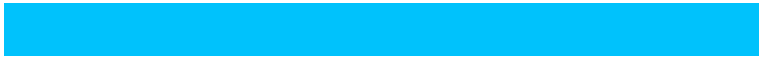
FF93B1



9FBF6E

# Complementary

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



00C2FC



FC3A00

# 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.



CAB361



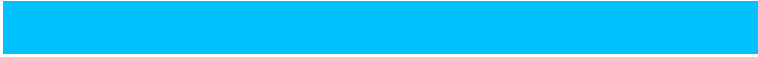
00C2FC



FF988A

# Square

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



00C2FC



EB9ADA



ECA56C



6CC68D

# Rectangle

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



00C2FC



AAADFF



ECA56C



AEBB67

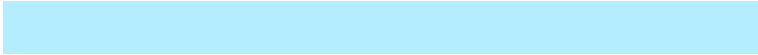


# Sweetspot

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



00C2FC



B3EDFF



00FC37



527580



000000



808080



# Same Dimension

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



00C2FC



00C4FF



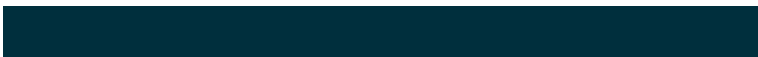
0047FC



707A7D



0091BD



002F3D



# Inverse Universe

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



FC00C2



FF00C4



FCB500



7D707A



BD0091



3D002F



# Previews

## White Background



This preview shows how the Hex color 00C2FC looks on a white background.

## Color Contrast Check

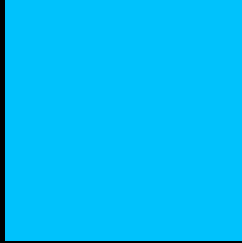
Large Text (above 18pt) WCAG AA × Fail

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 00C2FC 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 00C2FC Background



This preview shows how black text looks on a background with the Hex color 00C2FC.

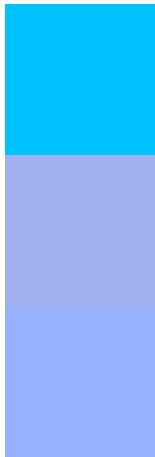


This preview shows how white text looks on a background with the Hex color 00C2FC.

# 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](#).

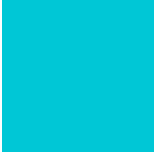
## Dichromacy



**Original Color**  
00C2FC

**Protanopia**  
A1B0EE

**Deuteranopia**  
96B1FF



**Tritanopia**  
00C7D6

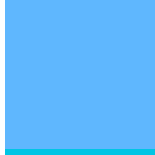
# Trichromacy



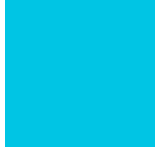
**Original Color**  
00C2FC



**Protanomaly**  
66B7F3



**Deuteranomaly**  
5FB7FE



**Tritanomaly**  
00C5E4

# Monochromacy



**Original Color**  
00C2FC



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
5BA2B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C2FC 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 #00C2FC looks like.

```
.text, #text, p{  
    color:#00C2FC  
}
```

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 #00C2FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C2FC
}
```

## Border

The CSS property to change the border of an element to Hex 00C2FC 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
#00C2FC }
```

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

```
.border{ border-color:#00C2FC }
```

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

Here you see how a box with a 4 pixel #00C2FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C2FC; -webkit-box-shadow:4px 4px  
4px 4px #00C2FC; box-shadow:4px 4px 4px  
4px #00C2FC }
```

# Background

The CSS property to change the background color of an element to Hex 00C2FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C2FC }
```

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

```
.background{ background-color:#00C2FC }
```

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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