

# Converting Colors

Hex(00C3F6)

Have a look what the booklet for  
Hex(00C3F6) contains.

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# **Color**

**Hex(00C3F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C3F6
RGB	0, 195, 246
RGB Percent	0%, 76%, 96%
CMY	1.0000, 0.2353, 0.0353
CMYK	1.00, 0.21, 0.00, 0.04
HSL	192°, 100%, 48%
HSV	192°, 100%, 96%
XYZ	36.1497, 45.6840, 94.1014
YIQ	142.5090, -132.5910, -25.4790

# Conversions

## Conversions Part 2

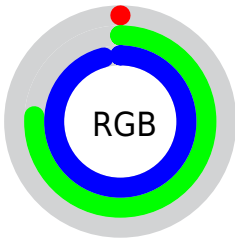
Format	Color
<a href="#">RYB</a>	0, 109, 246
Decimal	50166
CIELab	73.34, -22.82, -36.47
CIELCh	73, 43.024, 237.963
Yxy	45.6840, 0.2055, 0.2597
Android (android.graphics.Color)	4278240246 (0xFF00C3F6)
YUV	142.5090, 51.0211, -124.9804
Hunter-Lab	67.5900, -22.8139, -35.2329

# Details

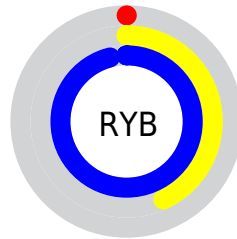
The Hex color **00C3F6** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F63300**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **70FCFF**, and **008DBD** is the 20% darker color. If you saturate the color by 10%, you get **00C3F6**, and if you desaturate by 10%, it is **19C8F6**.

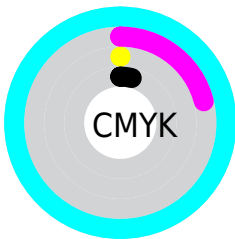
# Distribution



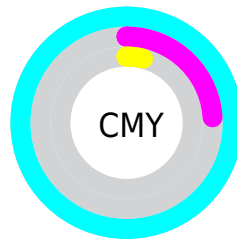
- Red (0%)
- Green (76%)
- Blue (96%)



- Red (0%)
- Yellow (43%)
- Blue (96%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (24%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C3F6 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 00C3F6 by changing the saturation by 10% instead.



 00C3F6

 00C3F6

FFFFFF

 00A8D9

 70FCFF

 008DBD

 92FFFF

 0074A2

 B3FFFF

 005B88

 D3FFFF


 00436E

 F3FFFF

 002D56

 00183E

 000328

 000111

 00C3F6

 19C8F6

 31CDF6

 4AD2F6

 62D7F6

 7BDDF6

 94E2F6

 ACE7F6

 C5ECF6

 DDF1F6

# Harmonies

## Analogous

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



00C8D8



00C3F6



72B9FF

# Triad

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



00C3F6



FC95B8



A8BD6D

# Complementary

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



00C3F6



F63300

# 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.



D0B164



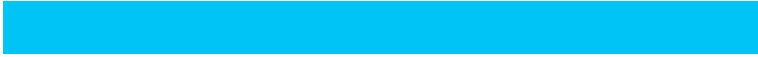
00C3F6



FF9891

# Square

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



00C3F6



E39DDF



EFA372



78C589

# Rectangle

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



00C3F6



A0B0FF



EFA372



B6B967

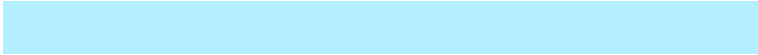


# Sweetspot

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



00C3F6



B3EFFF



00F631



527680



000000



808080

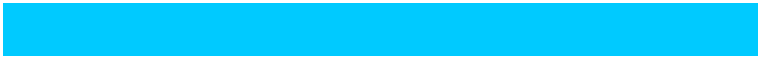


# Same Dimension

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



00C3F6



00CAFF



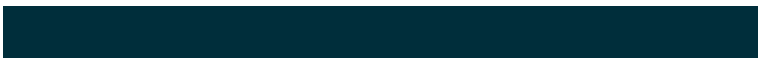
004AF6



6E787A



0094BA



002E3B



# Inverse Universe

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



F600C3



FF00CA



F6AC00



7A6E78



BA0094



3B002E



# Previews

## White Background



This preview shows how the Hex color 00C3F6 looks on a white background.

## Color Contrast Check

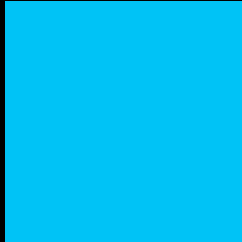
Large Text (above 18pt) WCAG AA × Fail

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 00C3F6 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 00C3F6 Background



This preview shows how black text looks on a background with the Hex color 00C3F6.

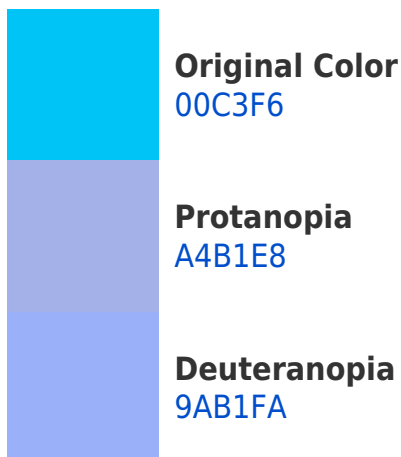


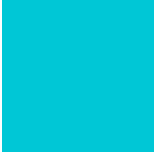
This preview shows how white text looks on a background with the Hex color 00C3F6.

# 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**  
00C7D6

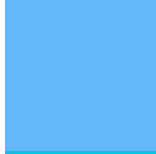
# Trichromacy



**Original Color**  
00C3F6



**Protanomaly**  
68B8ED

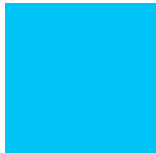


**Deuteranomaly**  
62B8F9



**Tritanomaly**  
00C6E2

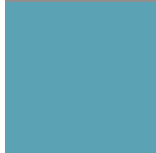
# Monochromacy



**Original Color**  
00C3F6



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
5BA2B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C3F6 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 #00C3F6 looks like.

```
.text, #text, p{  
    color:#00C3F6  
}
```

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 #00C3F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C3F6
}
```

## Border

The CSS property to change the border of an element to Hex 00C3F6 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
#00C3F6 }
```

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

```
.border{ border-color:#00C3F6 }
```

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

Here you see how a box with a 4 pixel #00C3F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C3F6; -webkit-box-shadow:4px 4px  
4px 4px #00C3F6; box-shadow:4px 4px 4px  
4px #00C3F6 }
```

# Background

The CSS property to change the background color of an element to Hex 00C3F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C3F6 }
```

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

```
.background{ background-color:#00C3F6 }
```

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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