

# Converting Colors

Hex(00C0F5)

Have a look what the booklet for  
Hex(00C0F5) contains.

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# **Color**

**Hex(00C0F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C0F5
RGB	0, 192, 245
RGB Percent	0%, 75%, 96%
CMY	1.0000, 0.2471, 0.0392
CMYK	1.00, 0.22, 0.00, 0.04
HSL	193°, 100%, 48%
HSV	193°, 100%, 96%
XYZ	35.3311, 44.2918, 93.0732
YIQ	140.6340, -131.4450, -24.2210

# Conversions

## Conversions Part 2

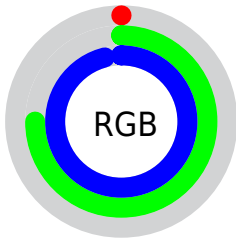
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 108, 245
Decimal	49397
CIELab	72.42, -21.63, -37.36
CIELCh	72, 43.164, 239.933
Yxy	44.2918, 0.2046, 0.2565
Android (android.graphics.Color)	4278239477 (0xFF00C0F5)
YUV	140.6340, 51.4524, -123.3360
Hunter-Lab	66.5521, -21.7045, -36.3307

# Details

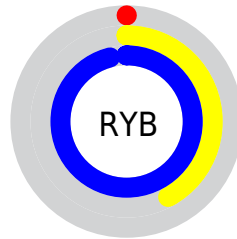
The Hex color **00C0F5** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F53500**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **70F9FF**, and **008ABD** is the 20% darker color. If you saturate the color by 10%, you get **00C0F5**, and if you desaturate by 10%, it is **18C5F5**.

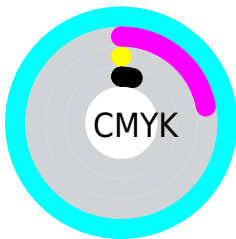
# Distribution



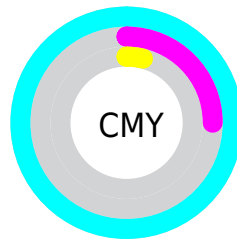
- Red (0%)
- Green (75%)
- Blue (96%)



- Red (0%)
- Yellow (42%)
- Blue (96%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (25%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C0F5 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 00C0F5 by changing the saturation by 10% instead.



 00C0F5

FFFFFF

 70F9FF

 92FFFF

 B2FFFF

 D2FFFF

 F2FFFF

 00C0F5

 00A5D8

 008ABD

 0071A1

 005887

 00416D

 002B55

 00143D

 000327

 000110

 00C0F5

 18C5F5

 31CBF5

 4AD0F5

 62D5F5

 7BDAF5

 93E0F5

 ABE5F5

 C4EAF5

 DDF0F5

# Harmonies

## Analogous

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



00C5D8



00C0F5



74B6FF

# Triad

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



00C0F5



FB92B3



A2BB6B

# Complementary

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



00C0F5



F53500

# 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.



CBAF62



00C0F5



FC968C

# Square

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



00C0F5



E399DA



EAA16E



72C389

# Rectangle

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



00C0F5



A2ACFC



EAA16E



B0B766

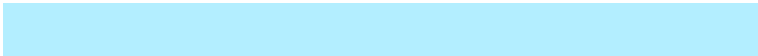


# Sweetspot

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



00C0F5



B3EEFF



00F531



527680



000000



808080

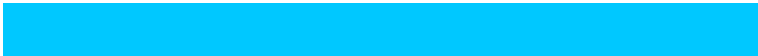


# Same Dimension

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



00C0F5



00C8FF



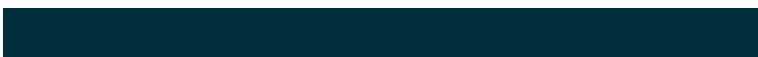
0049F5



6E787A



0092BA



002E3B



# Inverse Universe

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



F500C0



FF00C8



F5AB00



7A6E78



BA0092

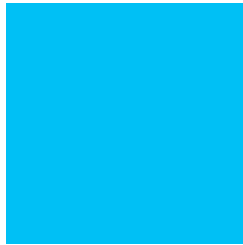


3B002E



# Previews

## White Background



This preview shows how the Hex color 00C0F5 looks on a white background.

## Color Contrast Check

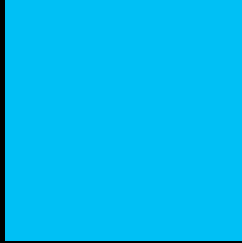
Large Text (above 18pt) WCAG AA × Fail

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 00C0F5 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 00C0F5 Background



This preview shows how black text looks on a background with the Hex color 00C0F5.

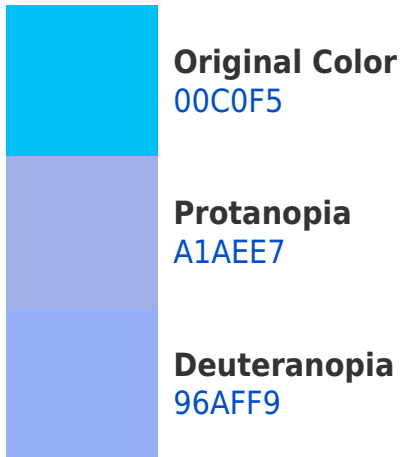


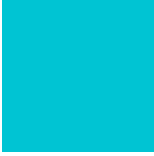
This preview shows how white text looks on a background with the Hex color 00C0F5.

# 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**  
00C4D3

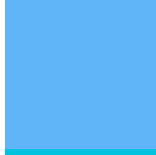
# Trichromacy



**Original Color**  
00C0F5



**Protanomaly**  
66B5EC



**Deuteranomaly**  
5FB5F8



**Tritanomaly**  
00C3DF

# Monochromacy



**Original Color**  
00C0F5



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
5AA0B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C0F5 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 #00C0F5 looks like.

```
.text, #text, p{  
    color:#00C0F5  
}
```

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 #00C0F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C0F5
}
```

## Border

The CSS property to change the border of an element to Hex 00C0F5 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
#00C0F5 }
```

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

```
.border{ border-color:#00C0F5 }
```

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

Here you see how a box with a 4 pixel #00C0F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C0F5; -webkit-box-shadow:4px 4px  
4px 4px #00C0F5; box-shadow:4px 4px 4px  
4px #00C0F5 }
```

# Background

The CSS property to change the background color of an element to Hex 00C0F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C0F5 }
```

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

```
.background{ background-color:#00C0F5 }
```

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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