

Converting Colors

Hex(00CCF6)

Have a look what the booklet for
Hex(00CCF6) contains.

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Color

Hex(00CCF6)

Conversions

Conversions Part 1

Format	Color
Hex	00CCF6
RGB	0, 204, 246
RGB Percent	0%, 80%, 96%
CMY	1.0000, 0.2000, 0.0353
CMYK	1.00, 0.17, 0.00, 0.04
HSL	190°, 100%, 48%
HSV	190°, 100%, 96%
XYZ	38.2274, 49.8396, 94.7940
YIQ	147.7920, -135.0660, -30.1860

Conversions

Conversions Part 2

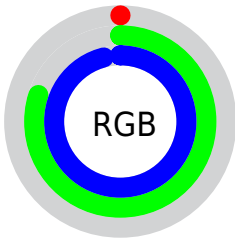
Format	Color
RYB	0, 112, 246
Decimal	52470
CIELab	75.97, -27.35, -32.40
CIELCh	76, 42.402, 229.833
Yxy	49.8396, 0.2091, 0.2726
Android (android.graphics.Color)	4278242550 (0xFF00CCF6)
YUV	147.7920, 48.4165, -129.6136
Hunter-Lab	70.5971, -26.8896, -30.1934

Details

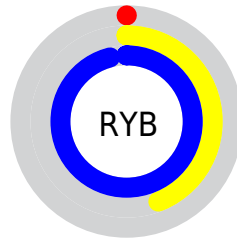
The Hex color **00CCF6** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F62A00**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **71FFFF**, and **0096BE** is the 20% darker color. If you saturate the color by 10%, you get **00CCF6**, and if you desaturate by 10%, it is **19D0F6**.

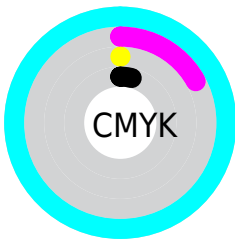
Distribution



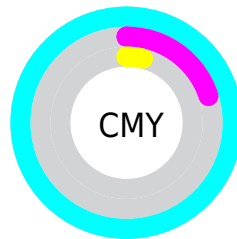
- Red (0%)
- Green (80%)
- Blue (96%)



- Red (0%)
- Yellow (44%)
- Blue (96%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CCF6 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 00CCF6 by changing the saturation by 10% instead.

 00CCF6

 00CCF6

FFFFFF

 00B0D9

 71FFFF

 0096BE

 93FFFF

 007BA2

 B4FFFF

 006288

 D4FFFF

 004A6E

 F4FFFF

 003356

 00203E

 000328

 000112

 00CCF6

 19D0F6

 31D4F6

 4AD9F6

 62DDF6

 7BE1F6

 94E5F6

 ACE9F6

 C5EEF6

 DDF2F6

Harmonies

Analogous

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



00D0D4



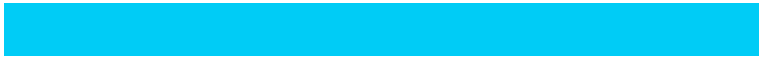
00CCF6



68C3FF

Triad

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



00CCF6



FF9ECA



BBC170

Complementary

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



00CCF6



F62A00

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.



E1B46E



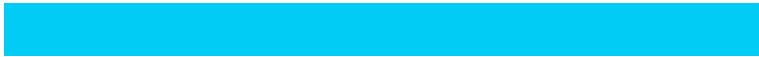
00CCF6



FF9EA3

Square

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



00CCF6



DFA8EE



FCA781



8ECA87

Rectangle

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



00CCF6



97BBFF



FCA781



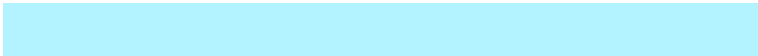
C8BD6D

Sweetspot

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



00CCF6



B3F2FF



00F629



527880



000000



808080

Same Dimension

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



00CCF6



00D3FF



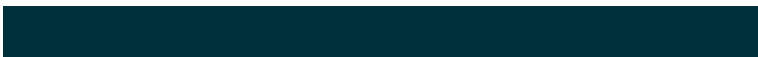
0052F6



6E787A



009ABA



00313B

Inverse Universe

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



F600CC



FF00D3



F6A400



7A6E78



BA009A



3B0031

Previews

White Background



This preview shows how the Hex color 00CCF6 looks on a white background.

Color Contrast Check

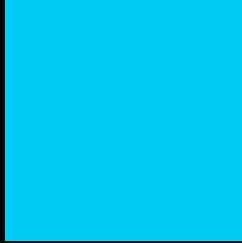
Large Text (above 18pt) WCAG AA × Fail

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 00CCF6 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 00CCF6 Background



This preview shows how black text looks on a background with the Hex color 00CCF6.

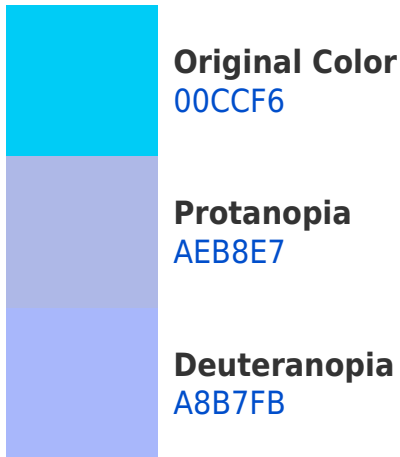


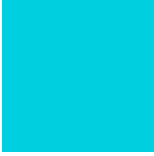
This preview shows how white text looks on a background with the Hex color 00CCF6.

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
00CFDF

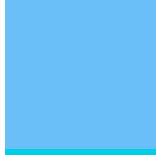
Trichromacy



Original Color
00CCF6



Protanomaly
6FBFEC



Deuteranomaly
6BBFF9



Tritanomaly
00CEE7

Monochromacy



Original Color
00CCF6



Achromatopsia
949494



Achromatomaly
5EA8B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CCF6 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 #00CCF6 looks like.

```
.text, #text, p{  
    color:#00CCF6  
}
```

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 #00CCF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CCF6  
}
```

Border

The CSS property to change the border of an element to Hex 00CCF6 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  
#00CCF6 }
```

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

```
.border{ border-color:#00CCF6 }
```

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

Here you see how a box with a 4 pixel #00CCF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CCF6; -webkit-box-shadow:4px 4px  
4px 4px #00CCF6; box-shadow:4px 4px 4px  
4px #00CCF6 }
```

Background

The CSS property to change the background color of an element to Hex 00CCF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CCF6 }
```

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

```
.background{ background-color:#00CCF6 }
```

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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