

Converting Colors

Hex(00CBF6)

Have a look what the booklet for
Hex(00CBF6) contains.

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Color

Hex(00CBF6)

Conversions

Conversions Part 1

Format	Color
Hex	00CBF6
RGB	0, 203, 246
RGB Percent	0%, 80%, 96%
CMY	1.0000, 0.2039, 0.0353
CMYK	1.00, 0.17, 0.00, 0.04
HSL	190°, 100%, 48%
HSV	190°, 100%, 96%
XYZ	37.9905, 49.3657, 94.7150
YIQ	147.2050, -134.7910, -29.6630

Conversions

Conversions Part 2

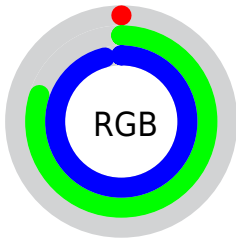
Format	Color
RYB	0, 111, 246
Decimal	52214
CIELab	75.68, -26.85, -32.85
CIELCh	76, 42.431, 230.738
Yxy	49.3657, 0.2087, 0.2711
Android (android.graphics.Color)	4278242294 (0xFF00CBF6)
YUV	147.2050, 48.7059, -129.0988
Hunter-Lab	70.2607, -26.4400, -30.7434

Details

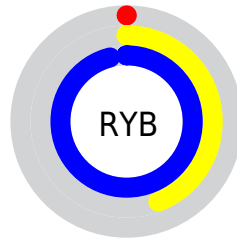
The Hex color **00CBF6** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F62B00**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **71FFFF**, and **0095BE** is the 20% darker color. If you saturate the color by 10%, you get **00CBF6**, and if you desaturate by 10%, it is **19CFF6**.

Distribution



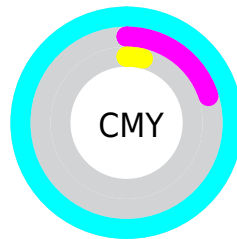
- Red (0%)
- Green (80%)
- Blue (96%)



- 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 00CBF6 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 00CBF6 by changing the saturation by 10% instead.

 00CBF6

FFFFFF

 71FFFF

 93FFFF

 B4FFFF

 D4FFFF

 F4FFFF

 00CBF6

 00AFD9

 0095BE

 007BA2

 006188

 00496E

 003256

 001F3E

 000328

 000112

 00CBF6

 19CFF6

 31D4F6

 4AD8F6

 62DCF6

 7BE0F6

 94E5F6

 ACE9F6

 C5EDF6

 DDF2F6

Harmonies

Analogous

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



00CFD5



00CBF6



69C2FF

Triad

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



00CBF6



FE9DC8



B8C170

Complementary

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



00CBF6



F62B00

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.



DFB46D



00CBF6



FF9DA1

Square

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



00CBF6



E0A7EC



FAA67F



8BCA88

Rectangle

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



00CBF6



98BAFF



FAA67F



C6BD6C

Sweetspot

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



00CBF6



B3F2FF



00F629



527780



000000



808080

Same Dimension

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



00CBF6



00D2FF



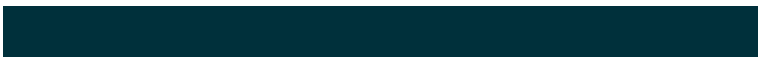
0052F6



6E787A



009ABA



00303B

Inverse Universe

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



F600CB



FF00D2



F6A400



7A6E78



BA009A



3B0030

Previews

White Background



This preview shows how the Hex color 00CBF6 looks on a white background.

Color Contrast Check

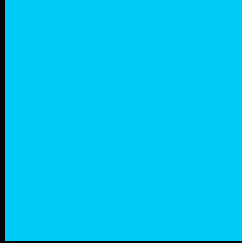
Large Text (above 18pt) WCAG AA × Fail

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 00CBF6 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 00CBF6 Background



This preview shows how black text looks on a background with the Hex color 00CBF6.

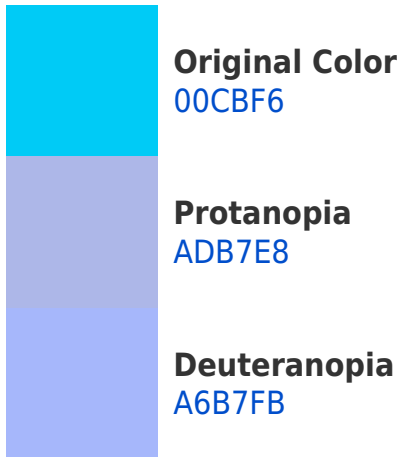


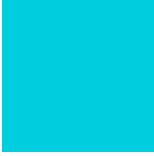
This preview shows how white text looks on a background with the Hex color 00CBF6.

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





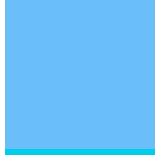
Trichromacy



Original Color
00CBF6



Protanomaly
6EBEED



Deuteranomaly
6ABEF9



Tritanomaly
00CDE7

Monochromacy



Original Color
00CBF6



Achromatopsia
939393



Achromatomaly
5EA7B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CBF6 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 #00CBF6 looks like.

```
.text, #text, p{  
    color:#00CBF6  
}
```

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 #00CBF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CBF6
}
```

Border

The CSS property to change the border of an element to Hex 00CBF6 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
#00CBF6 }
```

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

```
.border{ border-color:#00CBF6 }
```

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

Here you see how a box with a 4 pixel #00CBF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CBF6; -webkit-box-shadow:4px 4px  
4px 4px #00CBF6; box-shadow:4px 4px 4px  
4px #00CBF6 }
```

Background

The CSS property to change the background color of an element to Hex 00CBF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CBF6 }
```

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

```
.background{ background-color:#00CBF6 }
```

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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