

Converting Colors

Hex(00CBF7)

Have a look what the booklet for
Hex(00CBF7) contains.

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Color

Hex(00CBF7)

Conversions

Conversions Part 1

Format	Color
Hex	00CBF7
RGB	0, 203, 247
RGB Percent	0%, 80%, 97%
CMY	1.0000, 0.2039, 0.0314
CMYK	1.00, 0.18, 0.00, 0.03
HSL	191°, 100%, 48%
HSV	191°, 100%, 97%
XYZ	38.1444, 49.4273, 95.5257
YIQ	147.3190, -135.1120, -29.3520

Conversions

Conversions Part 2

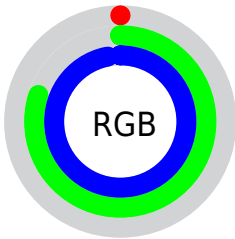
Format	Color
RYB	0, 111, 247
Decimal	52215
CIELab	75.72, -26.52, -33.33
CIELCh	76, 42.594, 231.491
Yxy	49.4273, 0.2083, 0.2700
Android (android.graphics.Color)	4278242295 (0xFF00CBF7)
YUV	147.3190, 49.1427, -129.1988
Hunter-Lab	70.3045, -26.1859, -31.3466

Details

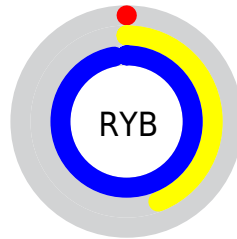
The Hex color **00CBF7** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F72C00**, and the grayscale version is **939393**.

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 **00CBF7**, and if you desaturate by 10%, it is **19CFF7**.

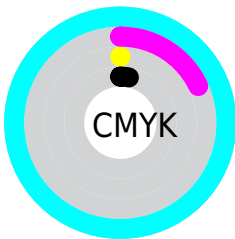
Distribution



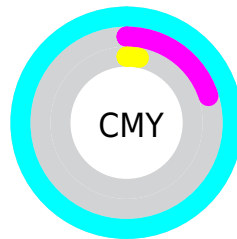
- Red (0%)
- Green (80%)
- Blue (97%)



- Red (0%)
- Yellow (44%)
- Blue (97%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (20%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the Hex color 00CBF7 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 00CBF7 by changing the saturation by 10% instead.

 00CBF7

FFFFFF

 71FFFF

 93FFFF

 B4FFFF

 D4FFFF

 F4FFFF

 00CBF7

 00AFDA

 0095BE

 007BA3

 006189

 00496F

 003257

 001F3F

 000329

 000113

 00CBF7

 19CFF7

 31D4F7

 4AD8F7

 63DDF7

 7CE1F7

 94E5F7

 ADEAF7

 C6EEF7

 DEF3F7

Harmonies

Analogous

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



00CFD6



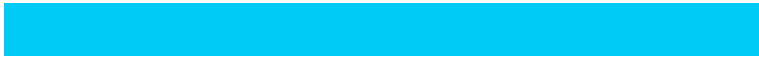
00CBF7



6BC2FF

Triad

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



00CBF7



FF9DC7



B8C170

Complementary

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



00CBF7



F7C000

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.



DEB46C



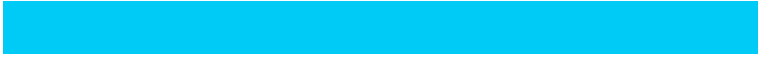
00CBF7



FF9DA0

Square

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



00CBF7



E1A6EC



FAA77F



8ACA88

Rectangle

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



00CBF7



9AB9FF



FAA77F



C5BD6C

Sweetspot

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



00CBF7



B3F1FF



00F729



527780



000000



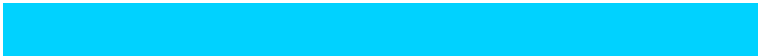
808080

Same Dimension

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



00CBF7



00D2FF



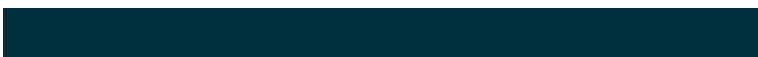
0052F7



6E787A



0099BA



00303B

Inverse Universe

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



F700CB



FF00D2



F7A500



7A6E78



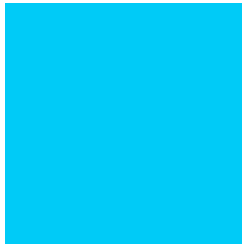
BA0099



3B0030

Previews

White Background



This preview shows how the Hex color 00CBF7 looks on a white background.

Color Contrast Check

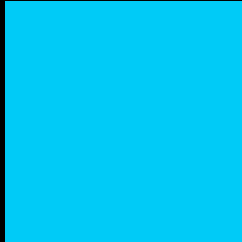
Large Text (above 18pt) WCAG AA × Fail

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 00CBF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

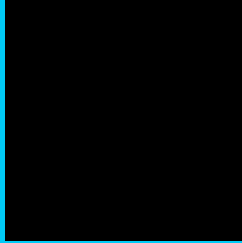
Any Text WCAG AA ✓ Pass

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 00CBF7 Background



This preview shows how black text looks on a background with the Hex color 00CBF7.

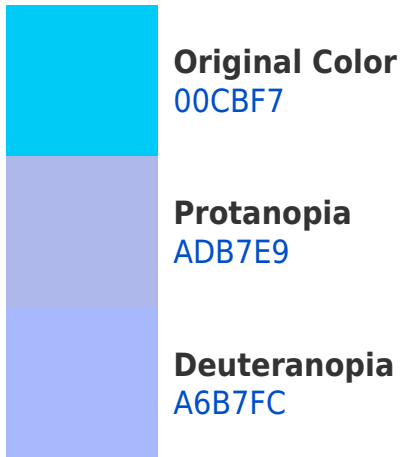


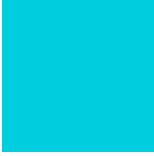
This preview shows how white text looks on a background with the Hex color 00CBF7.

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





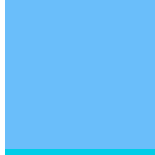
Trichromacy



Original Color
00CBF7



Protanomaly
6EBEEE



Deuteranomaly
6ABEFA



Tritanomaly
00CDE7

Monochromacy



Original Color
00CBF7



Achromatopsia
939393



Achromatomaly
5EA7B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CBF7 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 #00CBF7 looks like.

```
.text, #text, p{  
    color:#00CBF7  
}
```

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 #00CBF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CBF7
}
```

Border

The CSS property to change the border of an element to Hex 00CBF7 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
#00CBF7 }
```

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

```
.border{ border-color:#00CBF7 }
```

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

Here you see how a box with a 4 pixel #00CBF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CBF7; -webkit-box-shadow:4px 4px  
4px 4px #00CBF7; box-shadow:4px 4px 4px  
4px #00CBF7 }
```

Background

The CSS property to change the background color of an element to Hex 00CBF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CBF7 }
```

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

```
.background{ background-color:#00CBF7 }
```

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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