

Converting Colors

Hex(00CEF3)

Have a look what the booklet for
Hex(00CEF3) contains.

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Color

Hex(00CEF3)

Conversions

Conversions Part 1

Format	Color
Hex	00CEF3
RGB	0, 206, 243
RGB Percent	0%, 81%, 95%
CMY	1.0000, 0.1922, 0.0471
CMYK	1.00, 0.15, 0.00, 0.05
HSL	189°, 100%, 48%
HSV	189°, 100%, 95%
XYZ	38.2490, 50.6137, 92.5475
YIQ	148.6240, -134.6530, -32.1650

Conversions

Conversions Part 2

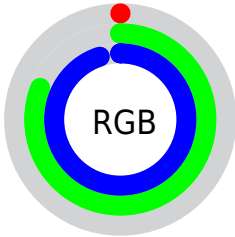
Format	Color
RYB	0, 111, 243
Decimal	52979
CIELab	76.44, -29.32, -30.06
CIELCh	76, 41.996, 225.716
Yxy	50.6137, 0.2108, 0.2790
Android (android.graphics.Color)	4278243059 (0xFF00CEF3)
YUV	148.6240, 46.5274, -130.3432
Hunter-Lab	71.1433, -28.5333, -27.3277

Details

The Hex color **00CEF3** 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 **F32500**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **71FFFF**, and **0097BB** is the 20% darker color. If you saturate the color by 10%, you get **00CEF3**, and if you desaturate by 10%, it is **18D2F3**.

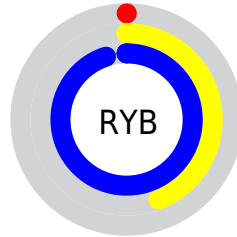
Distribution



Red (0%)

Green (81%)

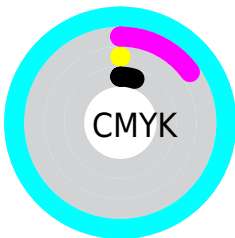
Blue (95%)



Red (0%)

Yellow (44%)

Blue (95%)

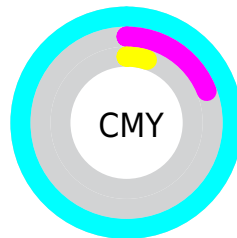


Cyan (100%)

Magenta (15%)

Yellow (0%)

Black (5%)



Cyan (100%)

Magenta (19%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CEF3 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 00CEF3 by changing the saturation by 10% instead.

 00CEF3

 00CEF3

FFFFFF

 00B2D7

 71FFFF

 0097BB

 93FFFF

 007DA0

 B4FFFF

 006485

 D4FFFF

 004C6C

 F4FFFF

 003454

 00213C

 000326

 00010F

 00CEF3

 18D2F3

 31D5F3

 49D9F3

 61DDF3

 79E0F3

 92E4F3

 AAE8F3

 C2ECF3

 DBEFF3

Harmonies

Analogous

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



21D1D0



00CEF3



61C6FF

Triad

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



00CEF3



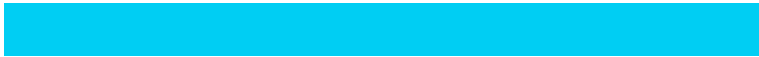
FCA0D1



C2C170

Complementary

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



00CEF3



F32500

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.



E6B471



00CEF3



FF9FA9

Square

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



00CEF3



DBABF3



FFA787



96CA85

Rectangle

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



00CEF3



90BEFF



FFA787



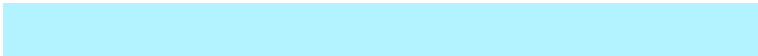
CFBD6E

Sweetspot

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



00CEF3



B3F3FF



00F324



527980



000000



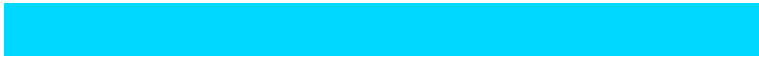
808080

Same Dimension

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



00CEF3



00D8FF



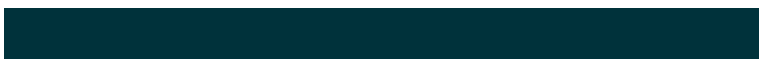
0055F3



6E797A



009EBA



00323B

Inverse Universe

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



F300CE



FF00D8



F39E00



7A6E79



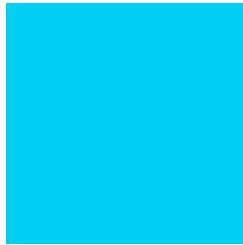
BA009E



3B0032

Previews

White Background



This preview shows how the Hex color 00CEF3 looks on a white background.

Color Contrast Check

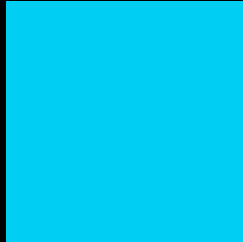
Large Text (above 18pt) WCAG AA × Fail

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 00CEF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

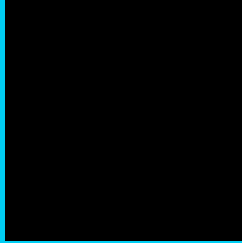
Any Text WCAG AA ✓ Pass

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 00CEF3 Background



This preview shows how black text looks on a background with the Hex color 00CEF3.

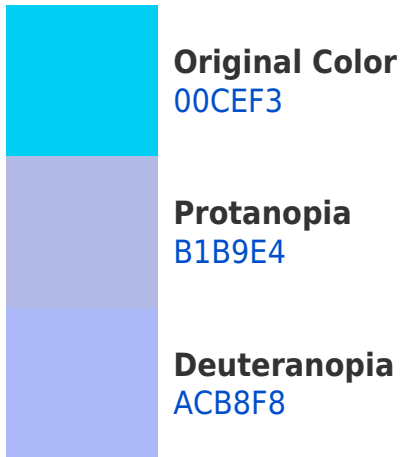


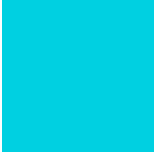
This preview shows how white text looks on a background with the Hex color 00CEF3.

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
00D0E1

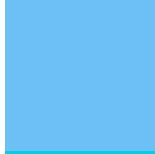
Trichromacy



Original Color
00CEF3



Protanomaly
71C1E9



Deuteranomaly
6DC0F6

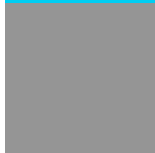


Tritanomaly
00CFE8

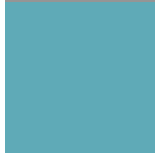
Monochromacy



Original Color
00CEF3



Achromatopsia
959595



Achromatomaly
5FAAB7

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CEF3 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 #00CEF3 looks like.

```
.text, #text, p{  
    color:#00CEF3  
}
```

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 #00CEF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CEF3
}
```

Border

The CSS property to change the border of an element to Hex 00CEF3 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
#00CEF3 }
```

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

```
.border{ border-color:#00CEF3 }
```

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

Here you see how a box with a 4 pixel #00CEF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CEF3; -webkit-box-shadow:4px 4px  
4px 4px #00CEF3; box-shadow:4px 4px 4px  
4px #00CEF3 }
```

Background

The CSS property to change the background color of an element to Hex 00CEF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CEF3 }
```

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

```
.background{ background-color:#00CEF3 }
```

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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