

Converting Colors

Hex(00CCCC)

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

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Color

Hex(00CCCC)

Conversions

Conversions Part 1

Format	Color
Hex	00CCCC
RGB	0, 204, 204
RGB Percent	0%, 80%, 80%
CMY	1.0000, 0.2000, 0.2000
CMYK	1.00, 0.00, 0.00, 0.20
HSL	180°, 100%, 40%
HSV	180°, 100%, 80%
XYZ	32.4919, 47.5454, 64.5914
YIQ	143.0040, -121.5840, -43.2480

Conversions

Conversions Part 2

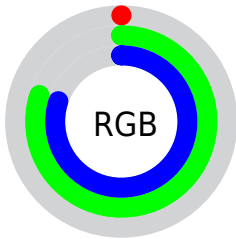
Format	Color
RYB	0, 102, 204
Decimal	52428
CIELab	74.54, -40.64, -11.95
CIELCh	75, 42.359, 196.386
Yxy	47.5454, 0.2247, 0.3287
Android (android.graphics.Color)	4278242508 (0xFF00CCCC)
YUV	143.0040, 30.0710, -125.4145
Hunter-Lab	68.9531, -36.5556, -7.2723

Details

The Hex color **00CCCC** is a dark color, and the websafe version is hex **00CCCC**, and the color name is **robin egg blue**. The color can be described as middle washed cyan. A complement of this color would be **CC0000**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6BFFFF**, and **009596** is the 20% darker color. If you saturate the color by 10%, you get **00CCCC**, and if you desaturate by 10%, it is **14CCCC**.

Distribution



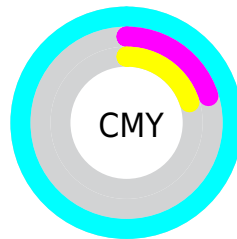
- Red (0%)
- Green (80%)
- Blue (80%)



- Red (0%)
- Yellow (40%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

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

 00CCCC

 00CCCC

FFFFFF

 00B0B1

 6BFFFF

 009596

 8CFFFF

 007B7C

 ACFFFF

 006163

 CBFFFF

 00484B

 EAFFFF

 003135

 001920

 000006

 000000

 00CCCC

 14CCCC

 29CCCC

 3DCCCC

 52CCCC

 66CCCC

 7ACCCC

 8FCCCC

 A3CCCC

 B8CCCC

Harmonies

Analogous

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



5BCBA4



00CCCC



00C9EF

Triad

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



00CCCC



D6A5ED



E0AF6C

Complementary

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



00CCCC



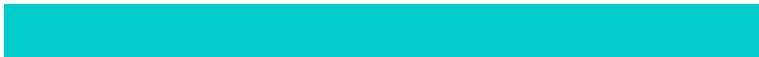
CC0000

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.



FAA281



00CCCC



F89BCB

Square

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



00CCCC



A1B4FF



FF99A3



BBBC6B

Rectangle

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



00CCCC



3EC4FE



FF99A3



EAAA71

Sweetspot

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



00CCCC



B3FFFF



00CC00



528080



000000



808080

Same Dimension

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



00CCCC



00FFFF



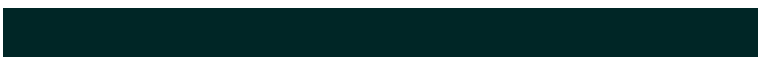
0066CC



5C6666



00A6A6



002626

Inverse Universe

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



CC00CC



FF00FF



CC6600



665C66



A600A6



260026

Previews

White Background



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

Color Contrast Check

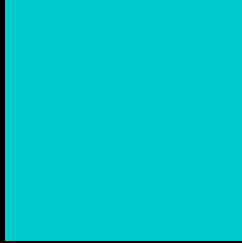
Large Text (above 18pt) WCAG AA × Fail

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 00CCCC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

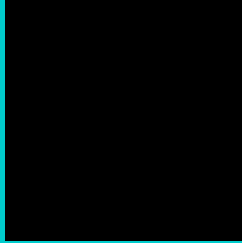
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

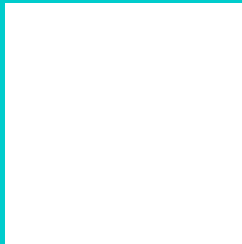
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00CCCC Background



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

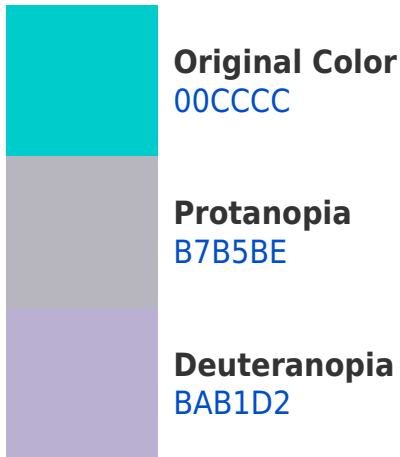


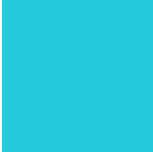
This preview shows how white text looks on a background with the Hex color 00CCCC.

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
00CCCC



Protanomaly
74BDC3



Deuteranomaly
76BBD0



Tritanomaly
18CBD5

Monochromacy



Original Color
00CCCC



Achromatopsia
8F8F8F



Achromatomaly
5BA5A5

CSS Examples

Text

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

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

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 #00CCCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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