

Converting Colors

Hex(00CCD0)

Have a look what the booklet for
Hex(00CCD0) contains.

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Color

Hex(00CCD0)

Conversions

Conversions Part 1

Format	Color
Hex	00CCD0
RGB	0, 204, 208
RGB Percent	0%, 80%, 82%
CMY	1.0000, 0.2000, 0.1843
CMYK	1.00, 0.02, 0.00, 0.18
HSL	181°, 100%, 41%
HSV	181°, 100%, 82%
XYZ	32.9780, 47.7398, 67.1511
YIQ	143.4600, -122.8680, -42.0040

Conversions

Conversions Part 2

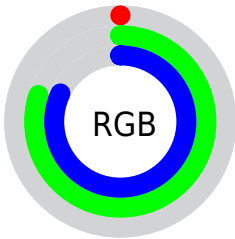
Format	Color
RYB	0, 103, 208
Decimal	52432
CIELab	74.66, -39.43, -13.93
CIELCh	75, 41.822, 199.454
Yxy	47.7398, 0.2230, 0.3229
Android (android.graphics.Color)	4278242512 (0xFF00CCD0)
YUV	143.4600, 31.8182, -125.8144
Hunter-Lab	69.0940, -35.7178, -9.2570

Details

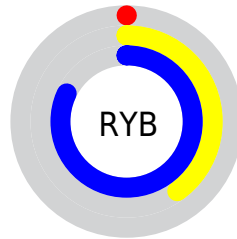
The Hex color **00CCD0** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D00400**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6BFFFF**, and **00959A** is the 20% darker color. If you saturate the color by 10%, you get **00CCD0**, and if you desaturate by 10%, it is **15CCD0**.

Distribution



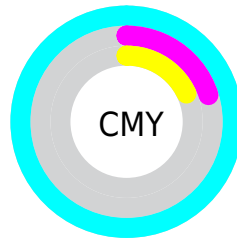
- Red (0%)
- Green (80%)
- Blue (82%)



- Red (0%)
- Yellow (40%)
- Blue (82%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CCD0 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 00CCD0 by changing the saturation by 10% instead.

 00CCD0

 00CCD0

FFFFFF

 00B0B4

 6BFFFF

 00959A

 8CFFFF

 007B80

 ACFFFF

 006167

 CCFFFF

 00484F

 EBFFFF

 003138

 001A23

 00000B

 000000

 00CCD0

 15CCD0

 2ACDD0

 3ECDD0

 53CED0

 68CED0

 7DCED0

 92CFD0

 A6CFD0

 BBD0D0

Harmonies

Analogous

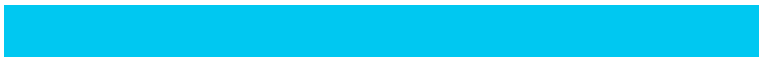
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58CBA8



00CCD0



00C8F1

Triad

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



00CCD0



DBA5EA



DDB16C

Complementary

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



00CCD0



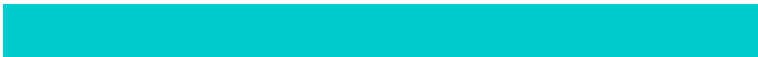
D00400

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.



F7A37F



00CCD0



FA9BC7

Square

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



00CCD0



A8B3FF



FF9AA0



B8BD6E

Rectangle

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



00CCD0



4BC3FF



FF9AA0



E7AC70

Sweetspot

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



00CCD0



B3FEFF



00D003



527F80



000000



808080

Same Dimension

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



00CCD0



00FAFF



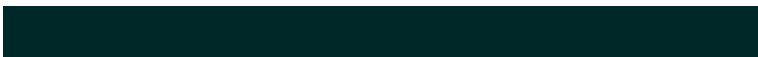
0065D0



5E6869



00A5A8



002829

Inverse Universe

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



D000CC



FF00FA



D06B00



695E68



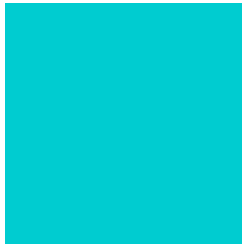
A800A5



290028

Previews

White Background



This preview shows how the Hex color 00CCD0 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 00CCD0 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

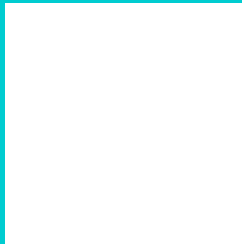
Any Text WCAG AAA ✓ Pass

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

Hex 00CCD0 Background



This preview shows how black text looks on a background with the Hex color 00CCD0.

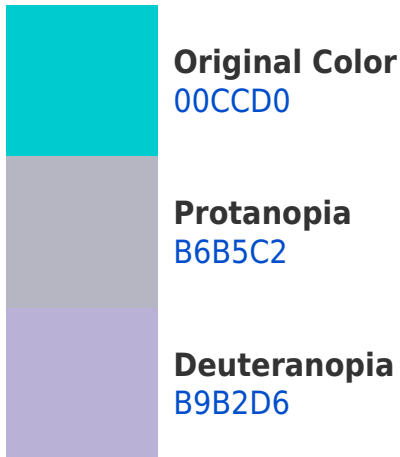


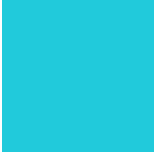
This preview shows how white text looks on a background with the Hex color 00CCD0.

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

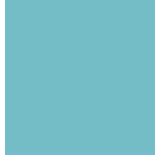




Trichromacy



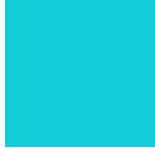
Original Color
00CCD0



Protanomaly
74BDC7



Deuteranomaly
76BBD4



Tritanomaly
15CBD7

Monochromacy



Original Color
00CCD0



Achromatopsia
8F8F8F



Achromatomaly
5BA5A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CCD0 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 #00CCD0 looks like.

```
.text, #text, p{  
    color:#00CCD0  
}
```

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 #00CCD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CCD0
}
```

Border

The CSS property to change the border of an element to Hex 00CCD0 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
#00CCD0 }
```

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

```
.border{ border-color:#00CCD0 }
```

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

Here you see how a box with a 4 pixel #00CCD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CCD0; -webkit-box-shadow:4px 4px  
4px 4px #00CCD0; box-shadow:4px 4px 4px  
4px #00CCD0 }
```

Background

The CSS property to change the background color of an element to Hex 00CCD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CCD0 }
```

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

```
.background{ background-color:#00CCD0 }
```

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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