

Converting Colors

Hex(00CCD4)

Have a look what the booklet for
Hex(00CCD4) contains.

Hex(00CCD4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00CCD4)

Conversions

Conversions Part 1

Format	Color
Hex	00CCD4
RGB	0, 204, 212
RGB Percent	0%, 80%, 83%
CMY	1.0000, 0.2000, 0.1686
CMYK	1.00, 0.04, 0.00, 0.17
HSL	182°, 100%, 42%
HSV	182°, 100%, 83%
XYZ	33.4765, 47.9392, 69.7761
YIQ	143.9160, -124.1520, -40.7600

Conversions

Conversions Part 2

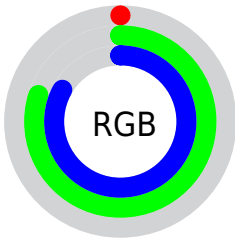
Format	Color
RYB	0, 104, 212
Decimal	52436
CIELab	74.79, -38.22, -15.90
CIELCh	75, 41.392, 202.591
Yxy	47.9392, 0.2214, 0.3171
Android (android.graphics.Color)	4278242516 (0xFF00CCD4)
YUV	143.9160, 33.5654, -126.2143
Hunter-Lab	69.2381, -34.8623, -11.2840

Details

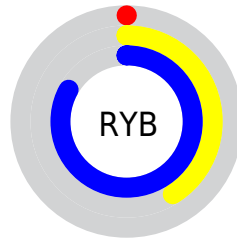
The Hex color **00CCD4** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D40800**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6CFFFF**, and **00959D** is the 20% darker color. If you saturate the color by 10%, you get **00CCD4**, and if you desaturate by 10%, it is **15CDD4**.

Distribution



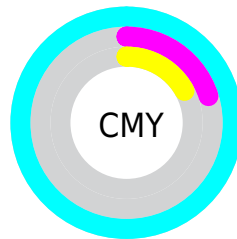
- Red (0%)
- Green (80%)
- Blue (83%)



- Red (0%)
- Yellow (41%)
- Blue (83%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CCD4 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 00CCD4 by changing the saturation by 10% instead.

 00CCD4

 00CCD4

FFFFFF

 00B0B8

 6CFFFF

 00959D

 8DFFFF

 007B83

 ADFFFF

 00616A

 CDFFFF

 004952

 ECFFFF

 00313B

 001B25

 000110

 000000

 00CCD4

 15CDD4

 2ACED4

 40CED4

 55CFD4

 6AD0D4

 7FD1D4

 94D2D4

 AAD2D4

 BFD3D4

Harmonies

Analogous

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



53CCAD



00CCD4



1CC8F4

Triad

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



00CCD4



DFA4E7



D9B36C

Complementary

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



00CCD4



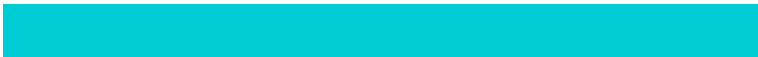
D40800

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.



F5A57D



00CCD4



FB9BC3

Square

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



00CCD4



AEB2FE



FF9C9D



B4BF70

Rectangle

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



00CCD4



56C2FF



FF9C9D



E4AE70

Sweetspot

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



00CCD4



B3FCFF



00D407



527E80



000000



808080

Same Dimension

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



00CCD4



00F5FF



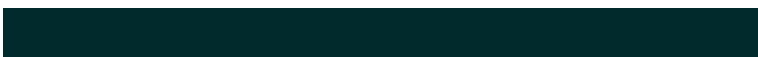
0063D4



606B6B



00A4AB



002A2B

Inverse Universe

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



D400CC



FF00F5



D47100



6B606B



AB00A4



2B002A

Previews

White Background



This preview shows how the Hex color 00CCD4 looks on a white background.

Color Contrast Check

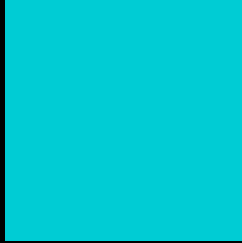
Large Text (above 18pt) WCAG AA × Fail

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 00CCD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

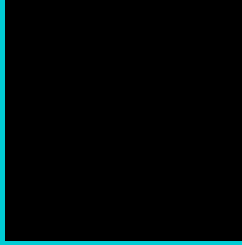
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

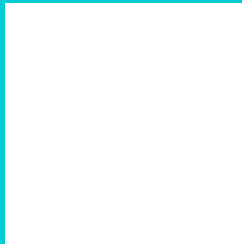
Any Text WCAG AAA ✓ Pass

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

Hex 00CCD4 Background



This preview shows how black text looks on a background with the Hex color 00CCD4.

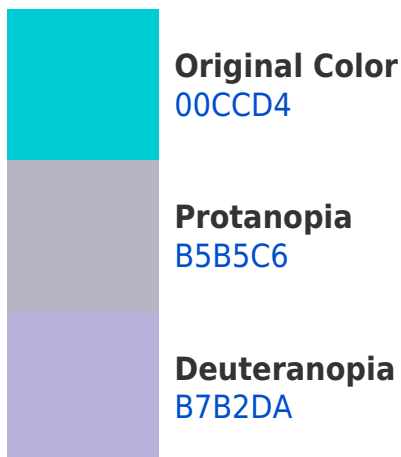


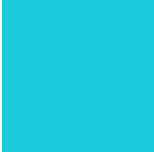
This preview shows how white text looks on a background with the Hex color 00CCD4.

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

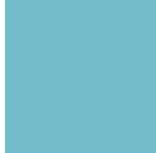




Trichromacy



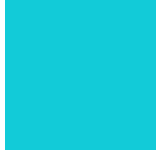
Original Color
00CCD4



Protanomaly
73BDCB



Deuteranomaly
74BBD8



Tritanomaly
12CBD8

Monochromacy



Original Color
00CCD4



Achromatopsia
909090



Achromatomaly
5CA6A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CCD4 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 #00CCD4 looks like.

```
.text, #text, p{  
    color:#00CCD4  
}
```

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 #00CCD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CCD4
}
```

Border

The CSS property to change the border of an element to Hex 00CCD4 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
#00CCD4 }
```

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

```
.border{ border-color:#00CCD4 }
```

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

Here you see how a box with a 4 pixel #00CCD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CCD4; -webkit-box-shadow:4px 4px  
4px 4px #00CCD4; box-shadow:4px 4px 4px  
4px #00CCD4 }
```

Background

The CSS property to change the background color of an element to Hex 00CCD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CCD4 }
```

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

```
.background{ background-color:#00CCD4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor