

Converting Colors

Hex(00C3D7)

Have a look what the booklet for
Hex(00C3D7) contains.

Hex(00C3D7)	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>	28

Color

Hex(00C3D7)

Conversions

Conversions Part 1

Format	Color
Hex	00C3D7
RGB	0, 195, 215
RGB Percent	0%, 76%, 84%
CMY	1.0000, 0.2353, 0.1569
CMYK	1.00, 0.09, 0.00, 0.16
HSL	186°, 100%, 42%
HSV	186°, 100%, 84%
XYZ	31.7808, 43.9365, 71.0955
YIQ	138.9750, -122.6400, -35.1200

Conversions

Conversions Part 2

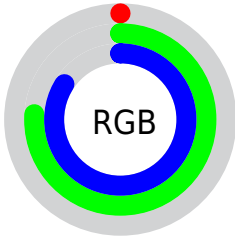
Format	Color
RYB	0, 102, 215
Decimal	50135
CIELab	72.19, -33.07, -21.46
CIELCh	72, 39.428, 212.985
Yxy	43.9365, 0.2165, 0.2993
Android (android.graphics.Color)	4278240215 (0xFF00C3D7)
YUV	138.9750, 37.4803, -121.8811
Hunter-Lab	66.2846, -30.4144, -17.1940

Details

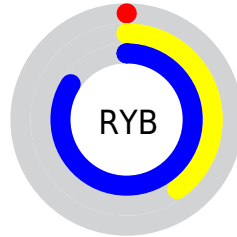
The Hex color **00C3D7** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D71400**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6BFCFF**, and **008DA0** is the 20% darker color. If you saturate the color by 10%, you get **00C3D7**, and if you desaturate by 10%, it is **15C5D7**.

Distribution



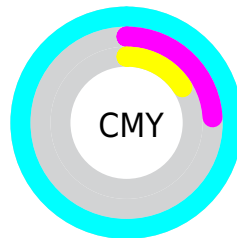
- Red (0%)
- Green (76%)
- Blue (84%)



- Red (0%)
- Yellow (40%)
- Blue (84%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C3D7 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 00C3D7 by changing the saturation by 10% instead.

 00C3D7

 00C3D7

FFFFFF

 00A8BB

 6BFCCF

 008DA0

 8CFFFF

 007386

 ACFFFF

 005A6D

 CBFFFF

 004254

 EBFFFF

 002B3D

 001027

 000112

 000000

 00C3D7


 15C5D7

 2BC7D7

 41C9D7

 56CBD7

 6CCDD7

 81CFD7

 97D1D7

 ACD3D7

 C2D5D7

Harmonies

Analogous

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



40C4B3



00C3D7



40BDF0

Triad

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



00C3D7



E19AD2



C5B068

Complementary

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



00C3D7



D71400

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.



E3A372



00C3D7



F595AF

Square

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



00C3D7



BAA6ED



F5998C



9FBA73

Rectangle

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



00C3D7



6DB7F8



F5998C



D0AC69

Sweetspot

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



00C3D7



B3F8FF



00D712



527B80



000000



808080

Same Dimension

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



00C3D7



00E7FF



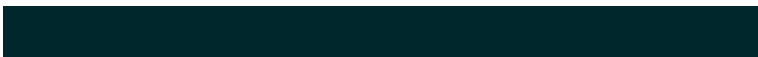
005AD7



606A6B



009BAB



00272B

Inverse Universe

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



D700C3



FF00E7



D77D00



6B606A



AB009B



2B0027

Previews

White Background



This preview shows how the Hex color 00C3D7 looks on a white background.

Color Contrast Check

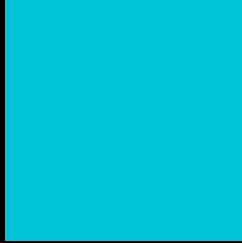
Large Text (above 18pt) WCAG AA × Fail

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 00C3D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

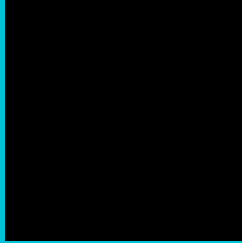
Any Text WCAG AA ✓ Pass

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 00C3D7 Background



This preview shows how black text looks on a background with the Hex color 00C3D7.

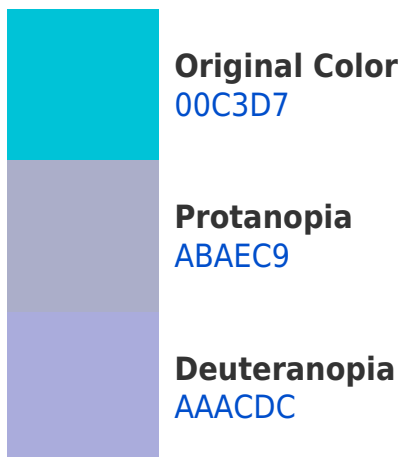


This preview shows how white text looks on a background with the Hex color 00C3D7.

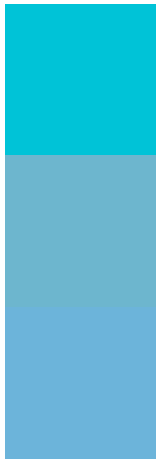
Color Blindness Simulation

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

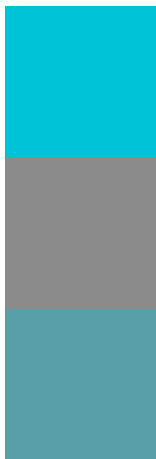


Original Color
00C3D7

Protanomaly
6DB6CE

Deuteranomaly
6CB4DA

Monochromacy



Original Color
00C3D7

Achromatopsia
8B8B8B

Achromatomaly
589FA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C3D7 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 #00C3D7 looks like.

```
.text, #text, p{  
  color:#00C3D7  
}
```

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 #00C3D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C3D7
}
```

Border

The CSS property to change the border of an element to Hex 00C3D7 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
#00C3D7 }
```

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

```
.border{ border-color:#00C3D7 }
```

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

Here you see how a box with a 4 pixel #00C3D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C3D7; -webkit-box-shadow:4px 4px  
4px 4px #00C3D7; box-shadow:4px 4px 4px  
4px #00C3D7 }
```

Background

The CSS property to change the background color of an element to Hex 00C3D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C3D7 }
```

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

```
.background{ background-color:#00C3D7 }
```

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