

Converting Colors

Hex(00C4D3)

Have a look what the booklet for
Hex(00C4D3) contains.

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Color

Hex(00C4D3)

Conversions

Conversions Part 1

Format	Color
Hex	00C4D3
RGB	0, 196, 211
RGB Percent	0%, 77%, 83%
CMY	1.0000, 0.2314, 0.1725
CMYK	1.00, 0.07, 0.00, 0.17
HSL	184°, 100%, 41%
HSV	184°, 100%, 83%
XYZ	31.4978, 44.1830, 68.4961
YIQ	139.1060, -121.6310, -36.8870

Conversions

Conversions Part 2

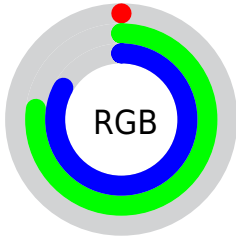
Format	Color
RYB	0, 102, 211
Decimal	50387
CIELab	72.35, -34.82, -19.04
CIELCh	72, 39.682, 208.674
Yxy	44.1830, 0.2185, 0.3064
Android (android.graphics.Color)	4278240467 (0xFF00C4D3)
YUV	139.1060, 35.4437, -121.9960
Hunter-Lab	66.4703, -31.7385, -14.5677

Details

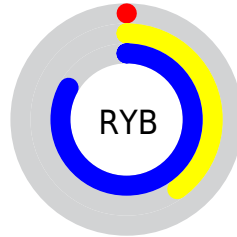
The Hex color **00C4D3** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D30F00**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6AFDFF**, and **008E9C** is the 20% darker color. If you saturate the color by 10%, you get **00C4D3**, and if you desaturate by 10%, it is **15C6D3**.

Distribution



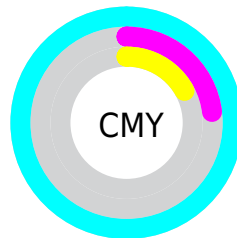
- Red (0%)
- Green (77%)
- Blue (83%)



- Red (0%)
- Yellow (40%)
- Blue (83%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C4D3 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 00C4D3 by changing the saturation by 10% instead.

 00C4D3

 00C4D3

FFFFFF

 00A8B7

 6AFDFF

 008E9C

 8BFFFF

 007482

 ABFFFF

 005A69

 CBFFFF

 004251

 EAFFFF

 002C3A

 001125

 00010E

 000000

 00C4D3

 15C6D3

 2AC7D3

 3FC9D3

 54CAD3

 6ACCD3

 7FCDD3

 94CFD3

 A9D0D3

 BED2D3

Harmonies

Analogous

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



47C5AF



00C4D3



34BFEE

Triad

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



00C4D3



DE9CD8



CBAF68

Complementary

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



00C4D3



D30F00

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.



E7A274



00C4D3



F495B4

Square

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



00C4D3



B3A9F1



F79890



A5BA70

Rectangle

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



00C4D3



63B9F8



F79890



D5AB6A

Sweetspot

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



00C4D3



B3FAFF



00D30E



527C80



000000



808080

Same Dimension

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



00C4D3



00EDFF



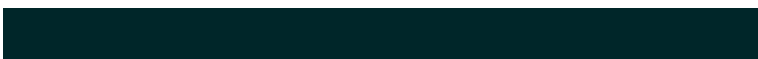
005BD3



5E6869



009CA8



002629

Inverse Universe

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



D300C4



FF00ED



D37800



695E68



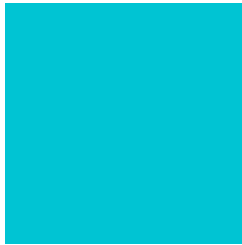
A8009C



290026

Previews

White Background



This preview shows how the Hex color 00C4D3 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 00C4D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

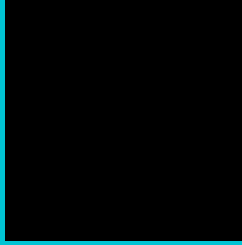
Any Text WCAG AA ✓ Pass

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 00C4D3 Background



This preview shows how black text looks on a background with the Hex color 00C4D3.

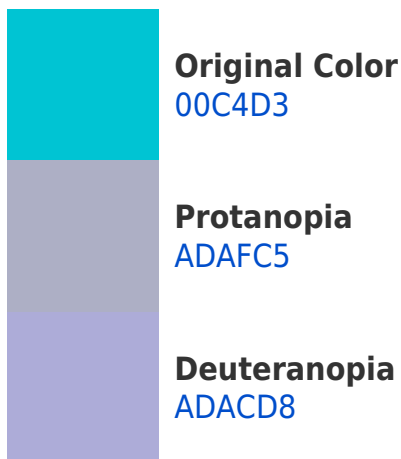


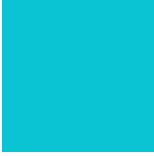
This preview shows how white text looks on a background with the Hex color 00C4D3.

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



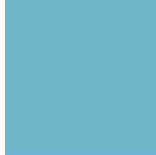


Tritanopia
0AC4D4

Trichromacy



Original Color
00C4D3



Protanomaly
6EB7CA



Deuteranomaly
6EB5D6



Tritanomaly
06C4D4

Monochromacy



Original Color
00C4D3



Achromatopsia
8B8B8B



Achromatomaly
58A0A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C4D3 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 #00C4D3 looks like.

```
.text, #text, p{  
  color:#00C4D3  
}
```

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 #00C4D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C4D3
}
```

Border

The CSS property to change the border of an element to Hex 00C4D3 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
#00C4D3 }
```

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

```
.border{ border-color:#00C4D3 }
```

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

Here you see how a box with a 4 pixel #00C4D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C4D3; -webkit-box-shadow:4px 4px  
4px 4px #00C4D3; box-shadow:4px 4px 4px  
4px #00C4D3 }
```

Background

The CSS property to change the background color of an element to Hex 00C4D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C4D3 }
```

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

```
.background{ background-color:#00C4D3 }
```

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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