

Converting Colors

Hex(00C2D3)

Have a look what the booklet for
Hex(00C2D3) contains.

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Color

Hex(00C2D3)

Conversions

Conversions Part 1

Format	Color
Hex	00C2D3
RGB	0, 194, 211
RGB Percent	0%, 76%, 83%
CMY	1.0000, 0.2392, 0.1725
CMYK	1.00, 0.08, 0.00, 0.17
HSL	185°, 100%, 41%
HSV	185°, 100%, 83%
XYZ	31.0497, 43.2867, 68.3467
YIQ	137.9320, -121.0810, -35.8410

Conversions

Conversions Part 2

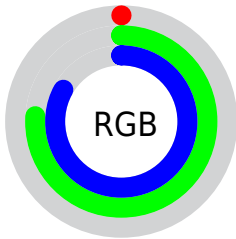
Format	Color
RYB	0, 101, 211
Decimal	49875
CIELab	71.75, -33.87, -19.95
CIELCh	72, 39.311, 210.501
Yxy	43.2867, 0.2176, 0.3034
Android (android.graphics.Color)	4278239955 (0xFF00C2D3)
YUV	137.9320, 36.0225, -120.9664
Hunter-Lab	65.7926, -30.8973, -15.5368

Details

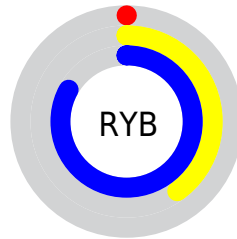
The Hex color **00C2D3** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D31100**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6AFBFF**, and **008C9C** is the 20% darker color. If you saturate the color by 10%, you get **00C2D3**, and if you desaturate by 10%, it is **15C4D3**.

Distribution



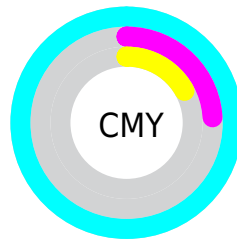
- Red (0%)
- Green (76%)
- Blue (83%)



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



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C2D3 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 00C2D3 by changing the saturation by 10% instead.

 00C2D3

 00C2D3

FFFFFF

 00A7B7

 6AFBFF

 008C9C

 8BFFFF

 007282

 ABFFFF

 005969

 CAFFFF

 004151

 EAFFFF

 002A3A

 000E25

 00010E

 000000

 00C2D3

 15C4D3

 2AC5D3

 3FC7D3

 54C9D3

 6ACBD3

 7FCCD3

 94CED3

 A9D0D3

 BED1D3

Harmonies

Analogous

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



44C3AF



00C2D3



39BDED

Triad

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



00C2D3



DD9AD4



C7AE67

Complementary

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



00C2D3



D31100

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.



E4A172



00C2D3



F394B1

Square

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



00C2D3



B5A6EE



F4978D



A1B971

Rectangle

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



00C2D3



67B7F6



F4978D



D1AA69

Sweetspot

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



00C2D3



B3F9FF



00D30E



527C80



000000



808080

Same Dimension

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



00C2D3



00EAFB



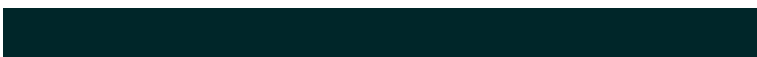
005BD3



5E6869



009BA8



002629

Inverse Universe

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



D300C2



FF00EA



D37800



695E68



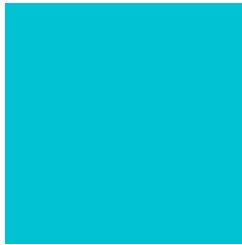
A8009B



290026

Previews

White Background



This preview shows how the Hex color 00C2D3 looks on a white background.

Color Contrast Check

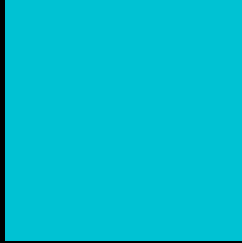
Large Text (above 18pt) WCAG AA × Fail

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 00C2D3 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 00C2D3 Background



This preview shows how black text looks on a background with the Hex color 00C2D3.

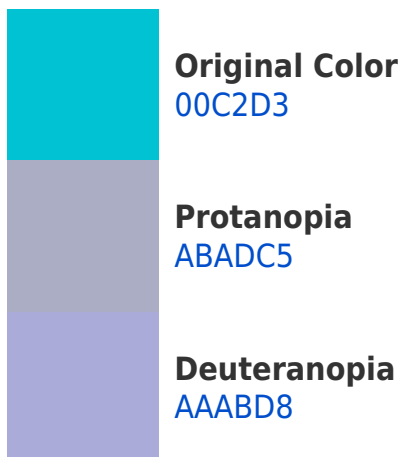


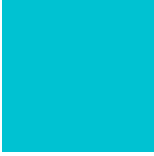
This preview shows how white text looks on a background with the Hex color 00C2D3.

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
00C2D2

Trichromacy



Original Color
00C2D3



Protanomaly
6DB5CA



Deuteranomaly
6CB3D6



Tritanomaly
00C2D2

Monochromacy



Original Color
00C2D3



Achromatopsia
8A8A8A



Achromatomaly
589EA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C2D3 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 #00C2D3 looks like.

```
.text, #text, p{  
    color:#00C2D3  
}
```

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 #00C2D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C2D3
}
```

Border

The CSS property to change the border of an element to Hex 00C2D3 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
#00C2D3 }
```

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

```
.border{ border-color:#00C2D3 }
```

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

Here you see how a box with a 4 pixel #00C2D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C2D3; -webkit-box-shadow:4px 4px  
4px 4px #00C2D3; box-shadow:4px 4px 4px  
4px #00C2D3 }
```

Background

The CSS property to change the background color of an element to Hex 00C2D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C2D3 }
```

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

```
.background{ background-color:#00C2D3 }
```

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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