

Converting Colors

Hex(00C2C3)

Have a look what the booklet for
Hex(00C2C3) contains.

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Color

Hex(00C2C3)

Conversions

Conversions Part 1

Format	Color
Hex	00C2C3
RGB	0, 194, 195
RGB Percent	0%, 76%, 76%
CMY	1.0000, 0.2392, 0.2353
CMYK	1.00, 0.01, 0.00, 0.24
HSL	180°, 100%, 38%
HSV	180°, 100%, 76%
XYZ	29.1421, 42.5237, 58.3017
YIQ	136.1080, -115.9450, -40.8170

Conversions

Conversions Part 2

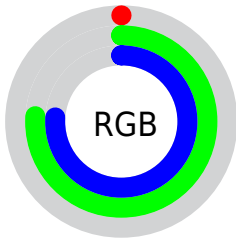
Format	Color
RYB	0, 97, 195
Decimal	49859
CIELab	71.23, -38.84, -12.01
CIELCh	71, 40.652, 197.182
Yxy	42.5237, 0.2242, 0.3272
Android (android.graphics.Color)	4278239939 (0xFF00C2C3)
YUV	136.1080, 29.0338, -119.3667
Hunter-Lab	65.2102, -34.3471, -7.3616

Details

The Hex color **00C2C3** 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 **C30100**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **68FBFB**, and **008C8D** is the 20% darker color. If you saturate the color by 10%, you get **00C2C3**, and if you desaturate by 10%, it is **13C2C3**.

Distribution



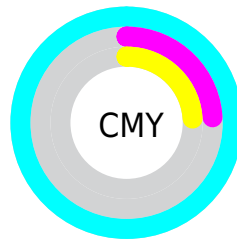
- Red (0%)
- Green (76%)
- Blue (76%)



- Red (0%)
- Yellow (38%)
- Blue (76%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00C2C3 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 00C2C3 by changing the saturation by 10% instead.

 00C2C3

 00C2C3

FFFFFF

 00A6A8

 68FBFB

 008C8D

 88FFFF

 007274

 A8FFFF

 00585B

 C7FFFF

 004044

 E6FFFF

 002A2E

 000A1A

 000000

 00C2C3

 13C2C3

 27C2C3

 3BC2C3

 4EC2C3

 62C3C3

 75C3C3

 88C3C3

 9CC3C3

 B0C3C3

Harmonies

Analogous

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



56C19D



00C2C3



00BFE4

Triad

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



00C2C3



CD9DE1



D4A766

Complementary

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



00C2C3



C30100

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.



ED9A7A



00C2C3



EC93C0

Square

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



00C2C3



9BABF5



F6929A



B1B366

Rectangle

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



00C2C3



3EBAF2



F6929A



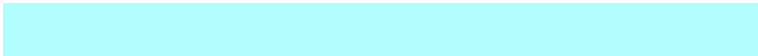
DEA26B

Sweetspot

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



00C2C3



B1FCFC



00C300



527F80



000000



808080

Same Dimension

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



00C2C3



00FBFC



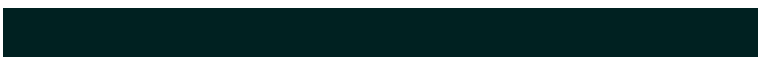
0062C3



576161



00A0A1



002121

Inverse Universe

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



C300C2



FC00FB



C36200



615761



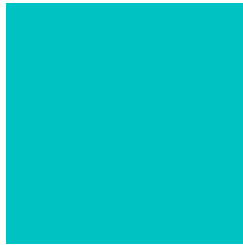
A100A0



210021

Previews

White Background



This preview shows how the Hex color 00C2C3 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 00C2C3 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 00C2C3 Background



This preview shows how black text looks on a background with the Hex color 00C2C3.

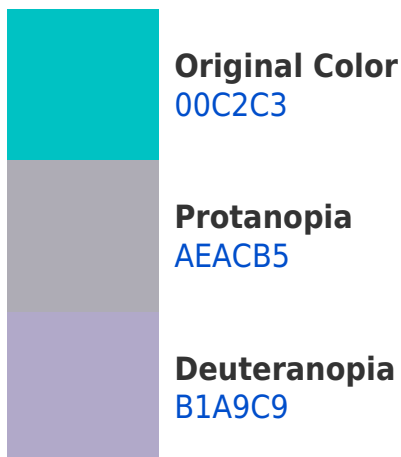


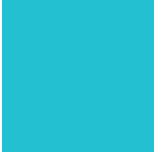
This preview shows how white text looks on a background with the Hex color 00C2C3.

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
22C0D0

Trichromacy



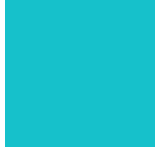
Original Color
00C2C3



Protanomaly
6FB4BA



Deuteranomaly
71B2C7



Tritanomaly
16C1CB

Monochromacy



Original Color
00C2C3



Achromatopsia
888888



Achromatomaly
579D9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C2C3 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 #00C2C3 looks like.

```
.text, #text, p{  
    color:#00C2C3  
}
```

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 #00C2C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C2C3
}
```

Border

The CSS property to change the border of an element to Hex 00C2C3 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
#00C2C3 }
```

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

```
.border{ border-color:#00C2C3 }
```

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

Here you see how a box with a 4 pixel #00C2C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C2C3; -webkit-box-shadow:4px 4px  
4px 4px #00C2C3; box-shadow:4px 4px 4px  
4px #00C2C3 }
```

Background

The CSS property to change the background color of an element to Hex 00C2C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C2C3 }
```

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

```
.background{ background-color:#00C2C3 }
```

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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