

Converting Colors

Hex(00C9C4)

Have a look what the booklet for
Hex(00C9C4) contains.

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Color

Hex(00C9C4)

Conversions

Conversions Part 1

Format	Color
Hex	00C9C4
RGB	0, 201, 196
RGB Percent	0%, 79%, 77%
CMY	1.0000, 0.2118, 0.2314
CMYK	1.00, 0.00, 0.02, 0.21
HSL	179°, 100%, 39%
HSV	179°, 100%, 79%
XYZ	30.8505, 45.7588, 59.4309
YIQ	140.3310, -118.1910, -44.1670

Conversions

Conversions Part 2

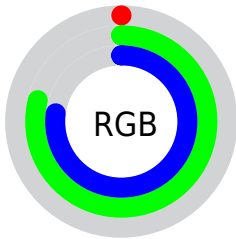
Format	Color
RYB	0, 102, 201
Decimal	51652
CIELab	73.39, -41.68, -9.33
CIELCh	73, 42.708, 192.618
Yxy	45.7588, 0.2268, 0.3364
Android (android.graphics.Color)	4278241732 (0xFF00C9C4)
YUV	140.3310, 27.4448, -123.0703
Hunter-Lab	67.6453, -36.9721, -4.7386

Details

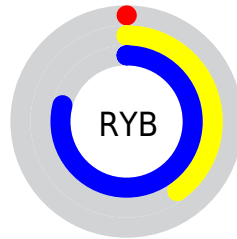
The Hex color **00C9C4** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C90005**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **69FFFD**, and **00928E** is the 20% darker color. If you saturate the color by 10%, you get **00C9C4**, and if you desaturate by 10%, it is **14C9C4**.

Distribution



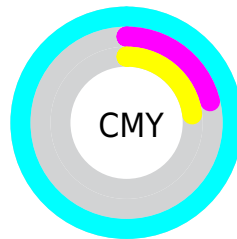
- Red (0%)
- Green (79%)
- Blue (77%)



- Red (0%)
- Yellow (40%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C9C4 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 00C9C4 by changing the saturation by 10% instead.

 00C9C4

 00C9C4

FFFFFF

 00ADA9

 69FFFD

 00928E

 8AFFFF

 007875

 AAFFFF

 005E5C

 C9FFFF

 004645

 E8FFFF

 002F2F

 00151A

 000000

 00C9C4

 14C9C4

 28C9C5

 3CC9C5

 50C9C6

 65C9C6

 79C9C7

 8DC9C8

 A1C9C8

 B5C9C9

Harmonies

Analogous

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



5EC79C



00C9C4



00C6E8

Triad

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



00C9C4



CEA4EE



E1AA6A

Complementary

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



00C9C4



C90005

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.



F99D81



00C9C4



F298CD

Square

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



00C9C4



95B2FF



FF95A5



BDB766

Rectangle

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



00C9C4



27C2F9



FF95A5



EAA56F

Sweetspot

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



00C9C4



B3FFFD



07C900



52807E



000000



808080

Same Dimension

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



00C9C4



00FFF9



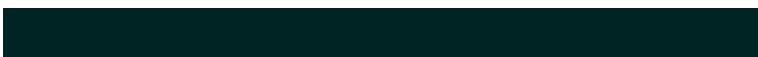
006BC9



5A6363



00A39F



002423

Inverse Universe

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



C90005



FF0006



C95E00



635A5A



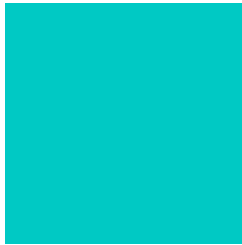
A30004



240001

Previews

White Background



This preview shows how the Hex color 00C9C4 looks on a white background.

Color Contrast Check

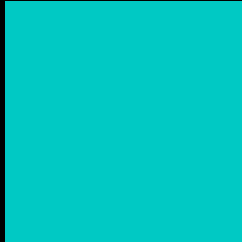
Large Text (above 18pt) WCAG AA × Fail

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 00C9C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

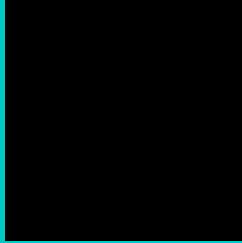
Any Text WCAG AA ✓ Pass

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 00C9C4 Background



This preview shows how black text looks on a background with the Hex color 00C9C4.



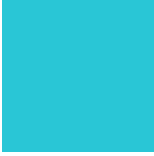
This preview shows how white text looks on a background with the Hex color 00C9C4.

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
29C6D6

Trichromacy



Original Color
00C9C4



Protanomaly
73BABB



Deuteranomaly
76B8C8



Tritanomaly
1AC7CF

Monochromacy



Original Color
00C9C4



Achromatopsia
8C8C8C



Achromatomaly
59A2A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C9C4 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 #00C9C4 looks like.

```
.text, #text, p{  
    color:#00C9C4  
}
```

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 #00C9C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C9C4
}
```

Border

The CSS property to change the border of an element to Hex 00C9C4 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
#00C9C4 }
```

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

```
.border{ border-color:#00C9C4 }
```

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

Here you see how a box with a 4 pixel #00C9C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C9C4; -webkit-box-shadow:4px 4px  
4px 4px #00C9C4; box-shadow:4px 4px 4px  
4px #00C9C4 }
```

Background

The CSS property to change the background color of an element to Hex 00C9C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C9C4 }
```

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

```
.background{ background-color:#00C9C4 }
```

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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