

Converting Colors

Hex(00C9B6)

Have a look what the booklet for
Hex(00C9B6) contains.

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Color

Hex(00C9B6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00C9B6 |
| RGB | 0, 201, 182 |
| RGB Percent | 0%, 79%, 71% |
| CMY | 1.0000, 0.2118, 0.2863 |
| CMYK | 1.00, 0.00, 0.09, 0.21 |
| HSL | 174°, 100%, 39% |
| HSV | 174°, 100%, 79% |
| XYZ | 29.3301, 45.1507, 51.4251 |
| YIQ | 138.7350, -113.6970, -48.5210 |

Conversions

Conversions Part 2

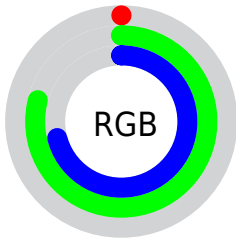
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 105, 201 |
| Decimal | 51638 |
| CIELab | 72.99, -45.70, -2.32 |
| CIELCh | 73, 45.761, 182.906 |
| Yxy | 45.1507, 0.2330, 0.3586 |
| Android (android.graphics.Color) | 4278241718 (0xFF00C9B6) |
| YUV | 138.7350, 21.3296, -121.6706 |
| Hunter-Lab | 67.1943, -39.6751, 1.6602 |

Details

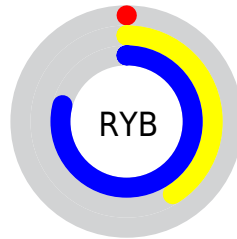
The Hex color **00C9B6** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C90013**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **68FFEE**, and **009281** is the 20% darker color. If you saturate the color by 10%, you get **00C9B6**, and if you desaturate by 10%, it is **14C9B8**.

Distribution



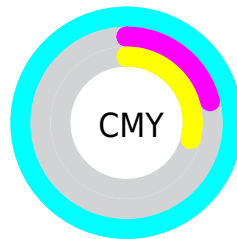
- Red (0%)
- Green (79%)
- Blue (71%)



- Red (0%)
- Yellow (41%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C9B6 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 00C9B6 by changing the saturation by 10% instead.

 00C9B6

 00C9B6

FFFFFF

 00AD9B


 68FFEE

 009281

 88FFFF

 007868

 A8FFFF

 005E50

 C7FFFF

 004539

 E6FFFF

 002E24

 00130F

 000000

 00C9B6

 14C9B8

 28C9BA

 3CC9BC

 50C9BE

 65C9C0

 79C9C1

 8DC9C3

 A1C9C5

 B5C9C7

Harmonies

Analogous

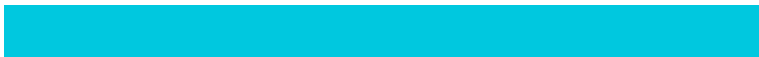
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69C68C



00C9B6



00C8DF

Triad

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



00C9B6



BCA7FA



ECA369

Complementary

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



00C9B6



C90013

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.



FF9688



00C9B6



EB98DA

Square

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



00C9B6



77B6FF



FF91B1



C9B25E

Rectangle

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



00C9B6



00C4F5



FF91B1



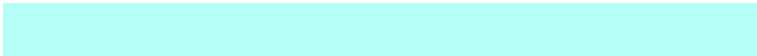
F59E72

Sweetspot

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



00C9B6



B3FFF8



14C900



52807B



000000



808080

Same Dimension

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



00C9B6



00FFE7



0079C9



5A6363



00A394



002420

Inverse Universe

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



C90013



FF0018



C95000



635A5A



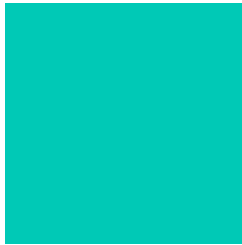
A3000F



240003

Previews

White Background



This preview shows how the Hex color 00C9B6 looks on a white background.

Color Contrast Check

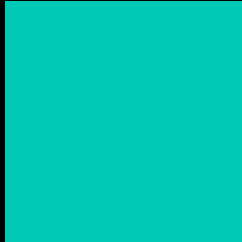
Large Text (above 18pt) WCAG AA × Fail

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 00C9B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

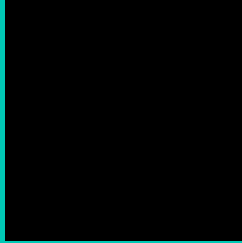
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

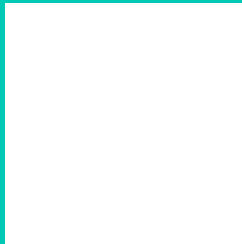
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00C9B6 Background



This preview shows how black text looks on a background with the Hex color 00C9B6.

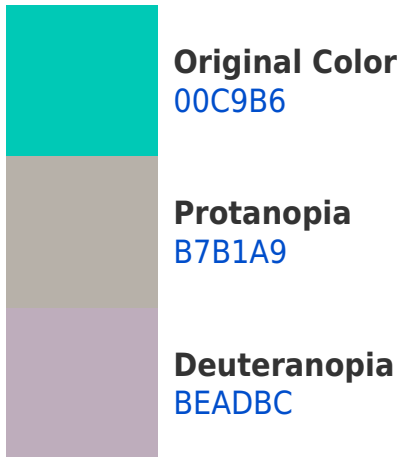


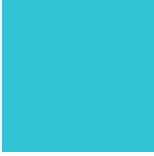
This preview shows how white text looks on a background with the Hex color 00C9B6.

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
32C5D5

Trichromacy



Original Color
00C9B6



Protanomaly
74BAAE

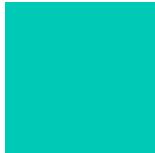


Deuteranomaly
79B7BA



Tritanomaly
20C6CA

Monochromacy



Original Color
00C9B6



Achromatopsia
8B8B8B



Achromatomaly
58A29B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C9B6 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 #00C9B6 looks like.

```
.text, #text, p{  
    color:#00C9B6  
}
```

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 #00C9B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C9B6
}
```

Border

The CSS property to change the border of an element to Hex 00C9B6 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
#00C9B6 }
```

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

```
.border{ border-color:#00C9B6 }
```

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

Here you see how a box with a 4 pixel #00C9B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C9B6; -webkit-box-shadow:4px 4px  
4px 4px #00C9B6; box-shadow:4px 4px 4px  
4px #00C9B6 }
```

Background

The CSS property to change the background color of an element to Hex 00C9B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C9B6 }
```

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

```
.background{ background-color:#00C9B6 }
```

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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