

Converting Colors

Hex(00C9B8)

Have a look what the booklet for
Hex(00C9B8) contains.

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Color

Hex(00C9B8)

Conversions

Conversions Part 1

Format	Color
Hex	00C9B8
RGB	0, 201, 184
RGB Percent	0%, 79%, 72%
CMY	1.0000, 0.2118, 0.2784
CMYK	1.00, 0.00, 0.08, 0.21
HSL	175°, 100%, 39%
HSV	175°, 100%, 79%
XYZ	29.5384, 45.2340, 52.5216
YIQ	138.9630, -114.3390, -47.8990

Conversions

Conversions Part 2

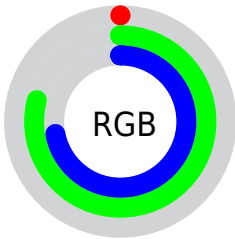
Format	Color
RYB	0, 105, 201
Decimal	51640
CIELab	73.05, -45.14, -3.32
CIELCh	73, 45.263, 184.212
Yxy	45.2340, 0.2320, 0.3554
Android (android.graphics.Color)	4278241720 (0xFF00C9B8)
YUV	138.9630, 22.2032, -121.8706
Hunter-Lab	67.2562, -39.3026, 0.7787

Details

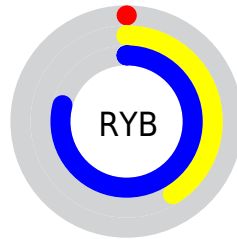
The Hex color **00C9B8** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C90011**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **68FFF0**, and **009283** is the 20% darker color. If you saturate the color by 10%, you get **00C9B8**, and if you desaturate by 10%, it is **14C9BA**.

Distribution



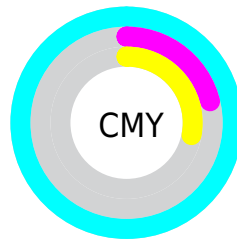
- Red (0%)
- Green (79%)
- Blue (72%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C9B8 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 00C9B8 by changing the saturation by 10% instead.

 00C9B8

 00C9B8

FFFFFF

 00AD9D

 68FFF0

 009283

 89FFFF

 00786A

 A8FFFF

 005E52

 C7FFFF

 00453B

 E6FFFF

 002E25

 001311

 000000

 00C9B8

 14C9BA

 28C9BB

 3CC9BD

 50C9BF

 65C9C1

 79C9C2

 8DC9C4

 A1C9C6

 B5C9C7

Harmonies

Analogous

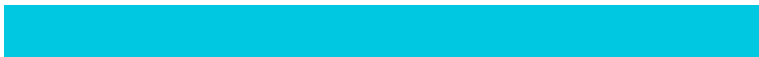
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67C68E



00C9B8



00C8E1

Triad

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



00C9B8



BFA6F8



EAA469

Complementary

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



00C9B8



C90011

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.



FF9787



00C9B8



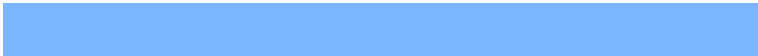
EC98D8

Square

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



00C9B8



7CB6FF



FF92AF



C8B35F

Rectangle

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



00C9B8



00C4F6



FF92AF



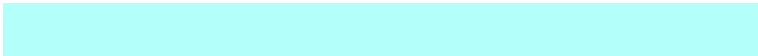
F39F71

Sweetspot

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



00C9B8



B3FFF9



14C900



52807C



000000



808080

Same Dimension

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



00C9B8



00FFE9



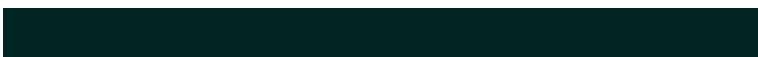
0079C9



5A6363



00A395



002421

Inverse Universe

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



C90011



FF0016



C95000



635A5A



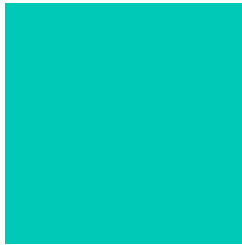
A3000E



240003

Previews

White Background



This preview shows how the Hex color 00C9B8 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 00C9B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

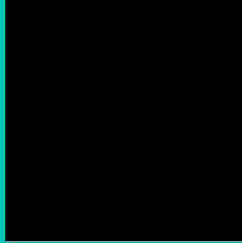
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

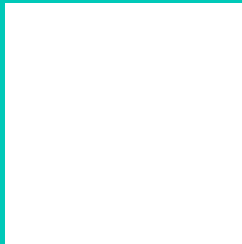
Any Text WCAG AAA ✓ Pass

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

Hex 00C9B8 Background



This preview shows how black text looks on a background with the Hex color 00C9B8.

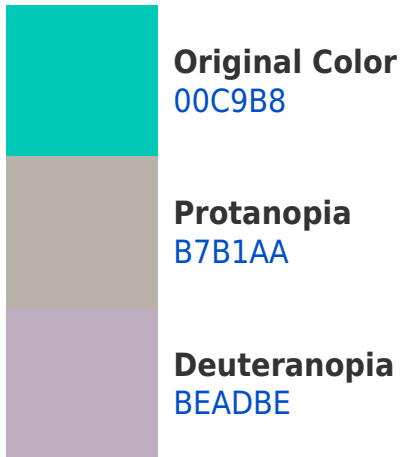


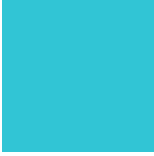
This preview shows how white text looks on a background with the Hex color 00C9B8.

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
31C5D5

Trichromacy



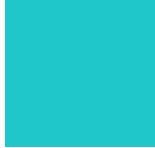
Original Color
00C9B8



Protanomaly
74BAAF



Deuteranomaly
79B7BC



Tritanomaly
1FC6CA

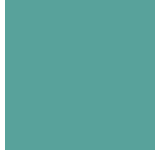
Monochromacy



Original Color
00C9B8



Achromatopsia
8B8B8B



Achromatomaly
58A29B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C9B8 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 #00C9B8 looks like.

```
.text, #text, p{  
    color:#00C9B8  
}
```

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 #00C9B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C9B8
}
```

Border

The CSS property to change the border of an element to Hex 00C9B8 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
#00C9B8 }
```

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

```
.border{ border-color:#00C9B8 }
```

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

Here you see how a box with a 4 pixel #00C9B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C9B8; -webkit-box-shadow:4px 4px  
4px 4px #00C9B8; box-shadow:4px 4px 4px  
4px #00C9B8 }
```

Background

The CSS property to change the background color of an element to Hex 00C9B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C9B8 }
```

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

```
.background{ background-color:#00C9B8 }
```

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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