

Converting Colors

Hex(00C990)

Have a look what the booklet for
Hex(00C990) contains.

Hex(00C990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00C990)

Conversions

Conversions Part 1

Format	Color
Hex	00C990
RGB	0, 201, 144
RGB Percent	0%, 79%, 56%
CMY	1.0000, 0.2118, 0.4353
CMYK	1.00, 0.00, 0.28, 0.21
HSL	163°, 100%, 39%
HSV	163°, 100%, 79%
XYZ	25.9207, 43.7869, 33.4711
YIQ	134.4030, -101.4990, -60.3390

Conversions

Conversions Part 2

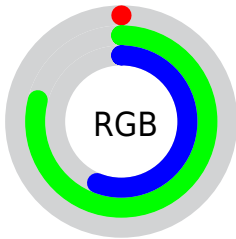
Format	Color
RYB	0, 117, 201
Decimal	51600
CIELab	72.09, -55.44, 16.89
CIELCh	72, 57.953, 163.052
Yxy	43.7869, 0.2512, 0.4244
Android (android.graphics.Color)	4278241680 (0xFF00C990)
YUV	134.4030, 4.7313, -117.8714
Hunter-Lab	66.1717, -45.8786, 16.3300

Details

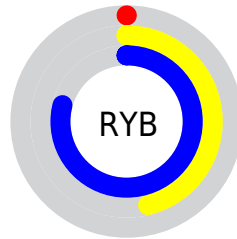
The Hex color **00C990** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C90039**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **65FFC6**, and **00925D** is the 20% darker color. If you saturate the color by 10%, you get **00C990**, and if you desaturate by 10%, it is **14C996**.

Distribution



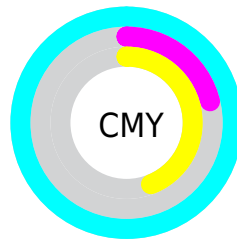
- Red (0%)
- Green (79%)
- Blue (56%)



- Red (0%)
- Yellow (46%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C990 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 00C990 by changing the saturation by 10% instead.

 00C990

 00C990

FFFFFF

 00AD76

 65FFC6

 00925D

 85FFE2

 007746

 A4FFFF

 005D2F

 C3FFFF

 004419

 E2FFFF

 002D00

 000E00

 000000

 00C990

 14C996

 28C99B

 3CC9A1

 50C9A7

 65C9AD

 79C9B2

 8DC9B8

 A1C9BE

 B5C9C3

Harmonies

Analogous

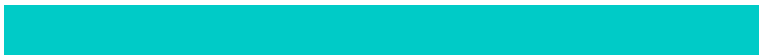
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7EC260



00C990



00CBC7

Triad

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



00C990



7DAFFF



FF8F6B

Complementary

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



00C990



C90039

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.



FF839C



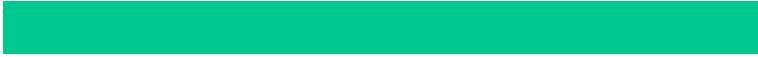
00C990



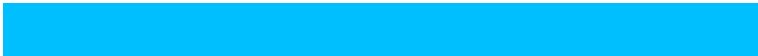
D299FF

Square

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



00C990



00BFFF



FF87D1



E7A349

Rectangle

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



00C990



00CAE9



FF87D1



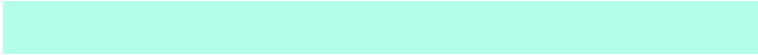
FF8A7A

Sweetspot

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



00C990



B3FFE9



3CC900



528072



000000



808080

Same Dimension

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



00C990



00FFB7



00A1C9



5A6361



00A375



00241A

Inverse Universe

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



C90039



FF0048



C92800



635A5C



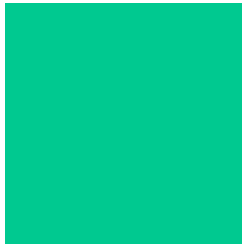
A3002E



24000A

Previews

White Background



This preview shows how the Hex color 00C990 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 00C990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

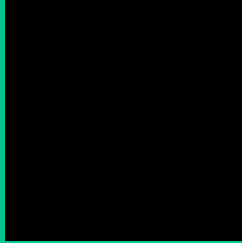
Any Text WCAG AA ✓ Pass

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 00C990 Background



This preview shows how black text looks on a background with the Hex color 00C990.

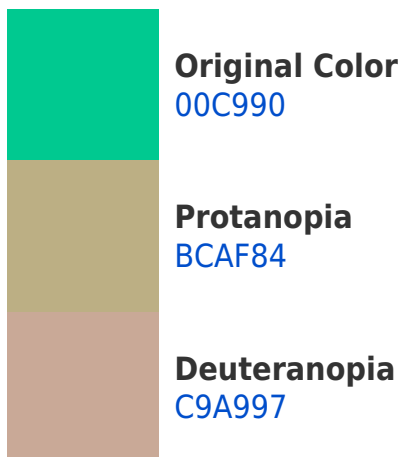


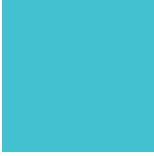
This preview shows how white text looks on a background with the Hex color 00C990.

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
43C1D0

Trichromacy



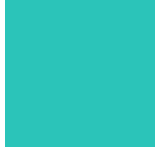
Original Color
00C990



Protanomaly
78B888



Deuteranomaly
80B594



Tritanomaly
2BC4B9

Monochromacy



Original Color
00C990



Achromatopsia
868686



Achromatomaly
559E8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C990 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 #00C990 looks like.

```
.text, #text, p{  
    color:#00C990  
}
```

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 #00C990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C990
}
```

Border

The CSS property to change the border of an element to Hex 00C990 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
#00C990 }
```

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

```
.border{ border-color:#00C990 }
```

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

Here you see how a box with a 4 pixel #00C990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C990; -webkit-box-shadow:4px 4px  
4px 4px #00C990; box-shadow:4px 4px 4px  
4px #00C990 }
```

Background

The CSS property to change the background color of an element to Hex 00C990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C990 }
```

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

```
.background{ background-color:#00C990 }
```

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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