

Converting Colors

Hex(00C992)

Have a look what the booklet for
Hex(00C992) contains.

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Color

Hex(00C992)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00C992 |
| RGB | 0, 201, 146 |
| RGB Percent | 0%, 79%, 57% |
| CMY | 1.0000, 0.2118, 0.4275 |
| CMYK | 1.00, 0.00, 0.27, 0.21 |
| HSL | 164°, 100%, 39% |
| HSV | 164°, 100%, 79% |
| XYZ | 26.0750, 43.8486, 34.2835 |
| YIQ | 134.6310, -102.1410, -59.7170 |

Conversions

Conversions Part 2

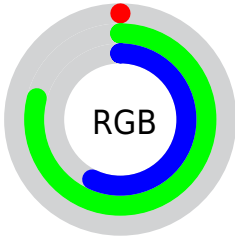
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 0, 116, 201 |
| Decimal | 51602 |
| CIELab | 72.13, -54.97, 15.88 |
| CIELCh | 72, 57.220, 163.886 |
| Yxy | 43.8486, 0.2502, 0.4208 |
| Android (android.graphics.Color) | 4278241682 (0xFF00C992) |
| YUV | 134.6310, 5.6049, -118.0714 |
| Hunter-Lab | 66.2183, -45.5936, 15.6563 |

Details

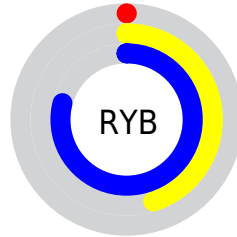
The Hex color **00C992** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C90037**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **65FFC8**, and **00925F** is the 20% darker color. If you saturate the color by 10%, you get **00C992**, and if you desaturate by 10%, it is **14C998**.

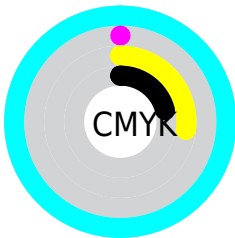
Distribution



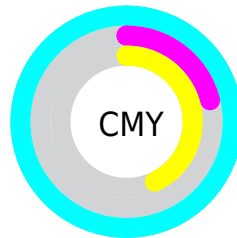
- Red (0%)
- Green (79%)
- Blue (57%)



- Red (0%)
- Yellow (45%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C992 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 00C992 by changing the saturation by 10% instead.

 00C992

 00C992

FFFFFF

 00AD78

 65FFC8

 00925F

 85FFE4

 007747

 A5FFFF

 005D31


 C3FFFF

 00441B

 E2FFFF

 002E03

 000E00

 000000

 00C992

 14C998

 28C99D

 3CC9A3

 50C9A8

 65C9AE

 79C9B3

 8DC9B9

 A1C9BE

 B5C9C4

Harmonies

Analogous

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



7DC262



00C992



00CBC8

Triad

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



00C992



82AEFF



FF906B

Complementary

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



00C992



C90037

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.



FF849A



00C992



D499FD

Square

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



00C992



00BEFF



FF87CF



E6A44A

Rectangle

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



00C992



00C9EA



FF87CF



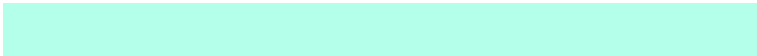
FF8B79

Sweetspot

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



00C992



B3FFEA



39C900



528073



000000



808080

Same Dimension

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



00C992



00FFB9



009DC9



5A6361



00A377



00241A

Inverse Universe

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



C90037



FF0046



C92C00



635A5C



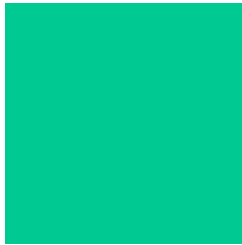
A3002D



24000A

Previews

White Background



This preview shows how the Hex color 00C992 looks on a white background.

Color Contrast Check

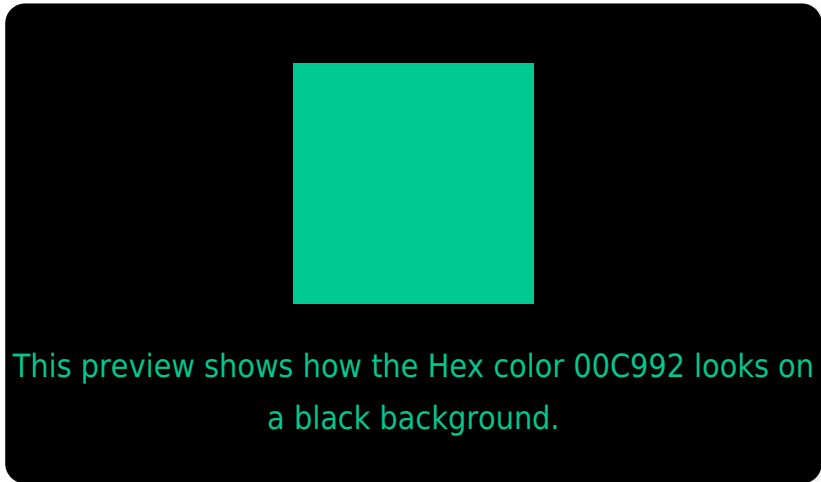
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

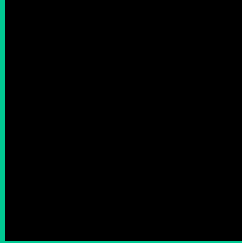
Any Text WCAG AA ✓ Pass

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 00C992 Background



This preview shows how black text looks on a background with the Hex color 00C992.

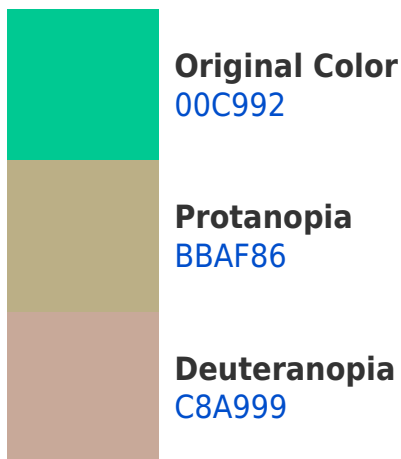


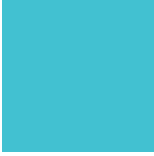
This preview shows how white text looks on a background with the Hex color 00C992.

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
42C1D1

Trichromacy



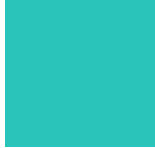
Original Color
00C992



Protanomaly
77B88A



Deuteranomaly
7FB596



Tritanomaly
2AC4BA

Monochromacy



Original Color
00C992



Achromatopsia
878787



Achromatomaly
569F8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C992 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 #00C992 looks like.

```
.text, #text, p{  
    color:#00C992  
}
```

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 #00C992 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C992
}
```

Border

The CSS property to change the border of an element to Hex 00C992 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
#00C992 }
```

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

```
.border{ border-color:#00C992 }
```

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

Here you see how a box with a 4 pixel #00C992 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C992; -webkit-box-shadow:4px 4px  
4px 4px #00C992; box-shadow:4px 4px 4px  
4px #00C992 }
```

Background

The CSS property to change the background color of an element to Hex 00C992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C992 }
```

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

```
.background{ background-color:#00C992 }
```

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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