

Converting Colors

Hex(00C981)

Have a look what the booklet for
Hex(00C981) contains.

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Color

Hex(00C981)

Conversions

Conversions Part 1

Format	Color
Hex	00C981
RGB	0, 201, 129
RGB Percent	0%, 79%, 51%
CMY	1.0000, 0.2118, 0.4941
CMYK	1.00, 0.00, 0.36, 0.21
HSL	159°, 100%, 39%
HSV	159°, 100%, 79%
XYZ	24.8491, 43.3583, 27.8282
YIQ	132.6930, -96.6840, -65.0040

Conversions

Conversions Part 2

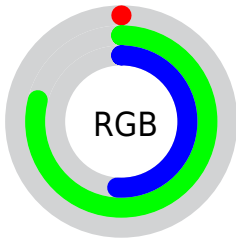
Format	Color
RYB	0, 122, 201
Decimal	51585
CIELab	71.80, -58.72, 24.45
CIELCh	72, 63.612, 157.393
Yxy	43.3583, 0.2587, 0.4515
Android (android.graphics.Color)	4278241665 (0xFF00C981)
YUV	132.6930, -1.8206, -116.3718
Hunter-Lab	65.8470, -47.8706, 21.0358

Details

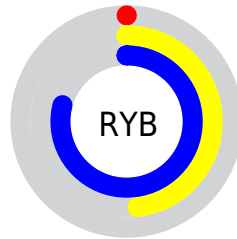
The Hex color **00C981** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C90048**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **65FFB6**, and **00914F** is the 20% darker color. If you saturate the color by 10%, you get **00C981**, and if you desaturate by 10%, it is **14C988**.

Distribution



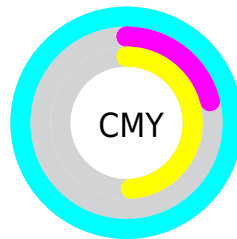
- Red (0%)
- Green (79%)
- Blue (51%)



- Red (0%)
- Yellow (48%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C981 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 00C981 by changing the saturation by 10% instead.

 00C981

 00C981

FFFFFF

 00AD68

 65FFB6

 00914F

 85FFD2

 007737

 A4FFEE

 005D21

 C3FFFF

 00430A

 E2FFFF

 002D00

 000C00

 000000

 00C981

 14C988

 28C98F

 3CC997

 50C99E

 65C9A5

 79C9AC

 8DC9B3

 A1C9BB

 B5C9C2

Harmonies

Analogous

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



84C04E



00C981



00CCBD

Triad

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



00C981



54B2FF



FF866C

Complementary

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



00C981



C90048

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.



FF7AA4



00C981



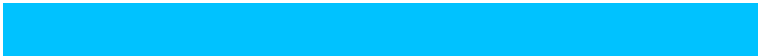
C69AFF

Square

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



00C981



00C2FF



FF83DE



F29D41

Rectangle

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



00C981



00CCE4



FF83DE



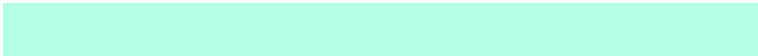
FF807E

Sweetspot

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



00C981



B3FFE4



4AC900



52806F



000000



808080

Same Dimension

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



00C981



00FFA4



00AEC9



5A6360



00A369



002417

Inverse Universe

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



C90048



FF005B



C91B00



635A5D



A3003A



24000D

Previews

White Background



This preview shows how the Hex color 00C981 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 00C981 Background



This preview shows how black text looks on a background with the Hex color 00C981.

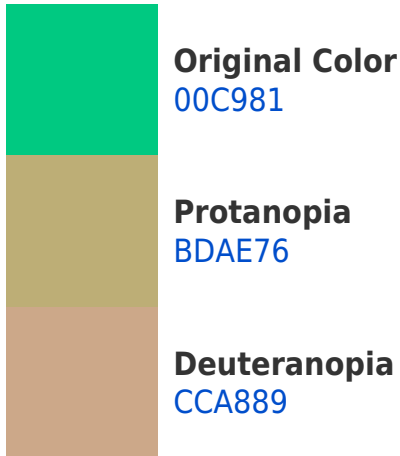


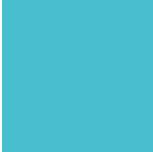
This preview shows how white text looks on a background with the Hex color 00C981.

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
47BFCF

Trichromacy



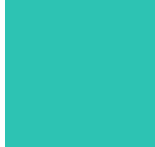
Original Color
00C981



Protanomaly
78B87A



Deuteranomaly
82B486



Tritanomaly
2DC3B3

Monochromacy



Original Color
00C981



Achromatopsia
858585



Achromatomaly
559E84

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C981 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 #00C981 looks like.

```
.text, #text, p{  
    color:#00C981  
}
```

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 #00C981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C981
}
```

Border

The CSS property to change the border of an element to Hex 00C981 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
#00C981 }
```

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

```
.border{ border-color:#00C981 }
```

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

Here you see how a box with a 4 pixel #00C981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C981; -webkit-box-shadow:4px 4px  
4px 4px #00C981; box-shadow:4px 4px 4px  
4px #00C981 }
```

Background

The CSS property to change the background color of an element to Hex 00C981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C981 }
```

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

```
.background{ background-color:#00C981 }
```

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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