

Converting Colors

Hex(01C989)

Have a look what the booklet for
Hex(01C989) contains.

Hex(01C989)	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(01C989)

Conversions

Conversions Part 1

Format	Color
Hex	01C989
RGB	1, 201, 137
RGB Percent	0%, 79%, 54%
CMY	0.9961, 0.2118, 0.4627
CMYK	1.00, 0.00, 0.32, 0.21
HSL	161°, 99%, 40%
HSV	161°, 100%, 79%
XYZ	25.4145, 43.5859, 30.7403
YIQ	133.9040, -98.6560, -62.3040

Conversions

Conversions Part 2

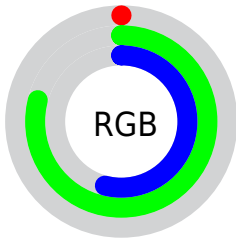
Format	Color
RYB	1, 120, 201
Decimal	117129
CIELab	71.95, -56.98, 20.44
CIELCh	72, 60.532, 160.269
Yxy	43.5859, 0.2548, 0.4370
Android (android.graphics.Color)	4278307209 (0xFF01C989)
YUV	133.9040, 1.5263, -116.5568
Hunter-Lab	66.0196, -46.8200, 18.6068

Details

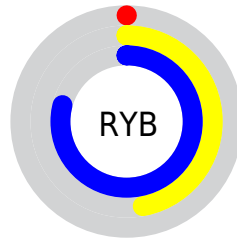
The Hex color **01C989** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C90141**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **65FFBF**, and **009257** is the 20% darker color. If you saturate the color by 10%, you get **00C989**, and if you desaturate by 10%, it is **15C98F**.

Distribution



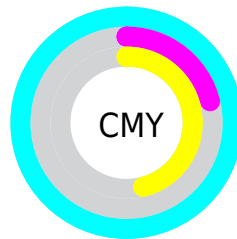
- Red (0%)
- Green (79%)
- Blue (54%)



- Red (0%)
- Yellow (47%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01C989 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 01C989 by changing the saturation by 10% instead.

 01C989

 01C989

FFFFFF

 00AD6F

 65FFBF

 009257

 85FFDB

 00773F

 A4FFF7

 005D29

 C3FFFF

 004413

 E2FFFF

 002D00

 000D00

 000000

 01C989

 01C989

■ 00C989

■ 15C98F

■ 29C996

■ 3DC99C

■ 51C9A3

■ 65C9A9

■ 7AC9B0

■ 8EC9B6

■ A2C9BC

■ B6C9C3

Harmonies

Analogous

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



81C157



01C989



00CCC2

Triad

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



01C989



6CB0FF



FF8B6C

Complementary

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



01C989



C90141

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.



FF7F9F



01C989



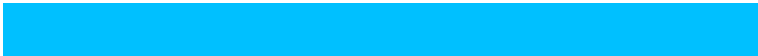
CC9AFF

Square

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



01C989



00C0FF



FF85D7



EDA045

Rectangle

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



01C989



00CBE7



FF85D7



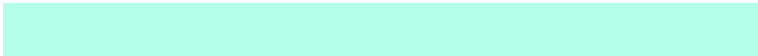
FF857C

Sweetspot

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



01C989



B3FFE7



44C901



528071



000000



808080

Same Dimension

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



01C989



00FFAD



01A8C9



5A6360



00A36F



002418

Inverse Universe

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



C90141



FF0052



C92201



635A5D



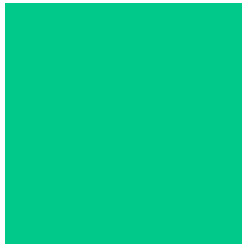
A30034



24000B

Previews

White Background



This preview shows how the Hex color 01C989 looks on a white background.

Color Contrast Check

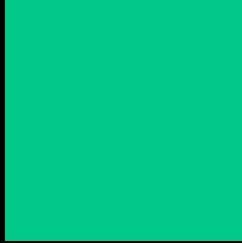
Large Text (above 18pt) WCAG AA × Fail

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 01C989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

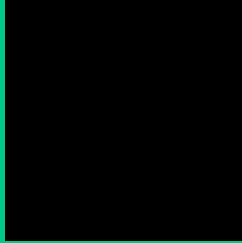
Any Text WCAG AA ✓ Pass

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 01C989 Background



This preview shows how black text looks on a background with the Hex color 01C989.

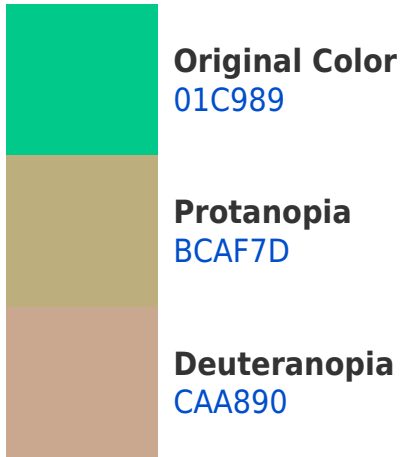


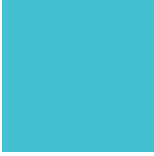
This preview shows how white text looks on a background with the Hex color 01C989.

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
45C0D0

Trichromacy



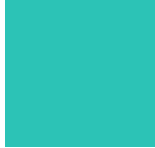
Original Color
01C989



Protanomaly
78B881



Deuteranomaly
81B48D



Tritanomaly
2CC3B6

Monochromacy



Original Color
01C989



Achromatopsia
868686



Achromatomaly
569E87

CSS Examples

Text

The CSS property to change the color of the text to Hex 01C989 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 #01C989 looks like.

```
.text, #text, p{  
    color:#01C989  
}
```

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 #01C989 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01C989
}
```

Border

The CSS property to change the border of an element to Hex 01C989 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
#01C989 }
```

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

```
.border{ border-color:#01C989 }
```

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

Here you see how a box with a 4 pixel #01C989 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01C989; -webkit-box-shadow:4px 4px  
4px 4px #01C989; box-shadow:4px 4px 4px  
4px #01C989 }
```

Background

The CSS property to change the background color of an element to Hex 01C989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01C989 }
```

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

```
.background{ background-color:#01C989 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor