

Converting Colors

Hex(00C886)

Have a look what the booklet for
Hex(00C886) contains.

Hex(00C886)	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(00C886)

Conversions

Conversions Part 1

Format	Color
Hex	00C886
RGB	0, 200, 134
RGB Percent	0%, 78%, 53%
CMY	1.0000, 0.2157, 0.4745
CMYK	1.00, 0.00, 0.33, 0.22
HSL	160°, 100%, 39%
HSV	160°, 100%, 78%
XYZ	24.9574, 43.0298, 29.5444
YIQ	132.6760, -98.0140, -62.9260

Conversions

Conversions Part 2

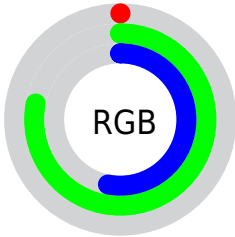
Format	Color
RYB	0, 120, 200
Decimal	51334
CIELab	71.58, -57.30, 21.51
CIELCh	72, 61.207, 159.423
Yxy	43.0298, 0.2559, 0.4412
Android (android.graphics.Color)	4278241414 (0xFF00C886)
YUV	132.6760, 0.6527, -116.3569
Hunter-Lab	65.5971, -46.8820, 19.2142

Details

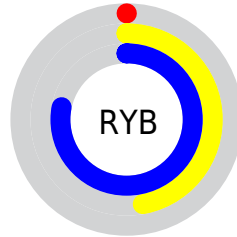
The Hex color **00C886** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C80042**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **64FFBB**, and **009154** is the 20% darker color. If you saturate the color by 10%, you get **00C886**, and if you desaturate by 10%, it is **14C88D**.

Distribution



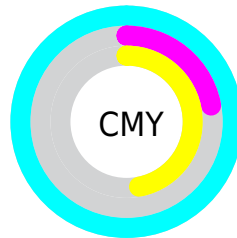
- Red (0%)
- Green (78%)
- Blue (53%)



- Red (0%)
- Yellow (47%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C886 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 00C886 by changing the saturation by 10% instead.

 00C886

 00C886

FFFFFF

 00AC6C

 64FFBB

 009154

 85FFD7

 00763C

 A4FFF4

 005C26

 C3FFFF

 004310

 E1FFFF

 002C00

 000B00

 000000

 00C886

 14C88D

 28C893

 3CC89A

 50C8A0

 64C8A7

 78C8AE

 8CC8B4

 A0C8BB

 B4C8C1

Harmonies

Analogous

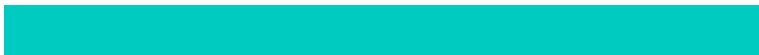
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81C054



00C886



00CBC0

Triad

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



00C886



65B0FF



FF896B

Complementary

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



00C886



C80042

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.



FF7DA0



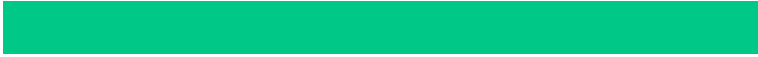
00C886



CA99FF

Square

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



00C886



00C0FF



FF84D8



ED9E44

Rectangle

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



00C886



00CAE5



FF84D8



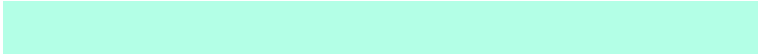
FF837C

Sweetspot

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



00C886



B3FFE6



43C800



528070



000000



808080

Same Dimension

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



00C886



00FFAB



00A7C8



5A6360



00A36D



002418

Inverse Universe

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



C80042



FF0054



C82100



635A5D



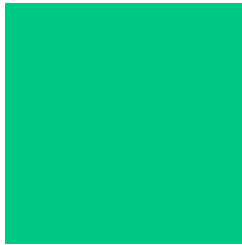
A30036



24000C

Previews

White Background



This preview shows how the Hex color 00C886 looks on a white background.

Color Contrast Check

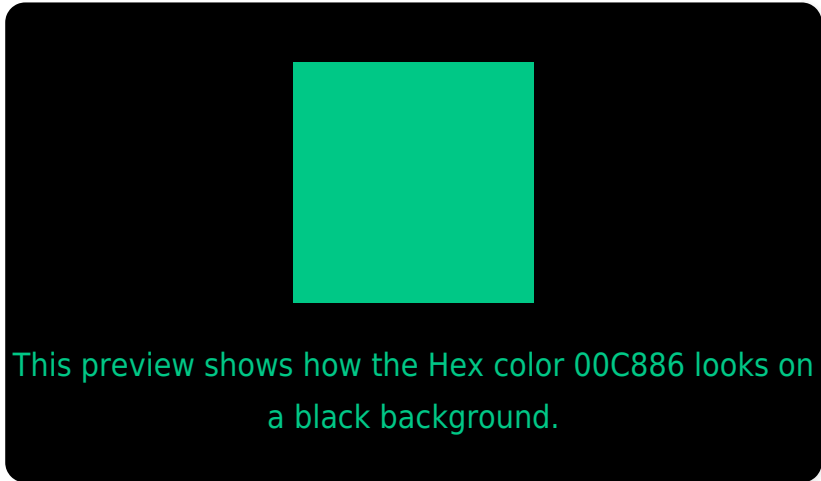
Large Text (above 18pt) WCAG AA × Fail

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 00C886 Background



This preview shows how black text looks on a background with the Hex color 00C886.

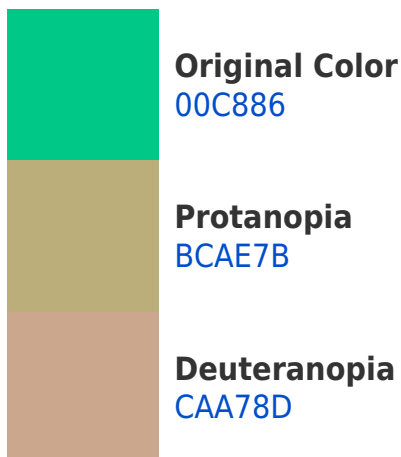


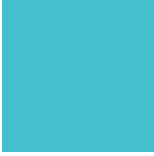
This preview shows how white text looks on a background with the Hex color 00C886.

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
45BFCE

Trichromacy



Original Color
00C886



Protanomaly
78B77F



Deuteranomaly
81B38A



Tritanomaly
2CC2B4

Monochromacy



Original Color
00C886



Achromatopsia
858585



Achromatomaly
559D85

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C886 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 #00C886 looks like.

```
.text, #text, p{  
    color:#00C886  
}
```

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 #00C886 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C886
}
```

Border

The CSS property to change the border of an element to Hex 00C886 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
#00C886 }
```

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

```
.border{ border-color:#00C886 }
```

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

Here you see how a box with a 4 pixel #00C886 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C886; -webkit-box-shadow:4px 4px  
4px 4px #00C886; box-shadow:4px 4px 4px  
4px #00C886 }
```

Background

The CSS property to change the background color of an element to Hex 00C886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C886 }
```

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

```
.background{ background-color:#00C886 }
```

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