

# Converting Colors

Hex(00C48B)

Have a look what the booklet for  
Hex(00C48B) contains.

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# Color

Hex(00C48B)

# Conversions

## Conversions Part 1

Format	Color
Hex	00C48B
RGB	0, 196, 139
RGB Percent	0%, 77%, 55%
CMY	1.0000, 0.2314, 0.4549
CMYK	1.00, 0.00, 0.29, 0.23
HSL	163°, 100%, 38%
HSV	163°, 100%, 77%
XYZ	24.4001, 41.3439, 31.1203
YIQ	130.8980, -98.5190, -59.2790

# Conversions

## Conversions Part 2

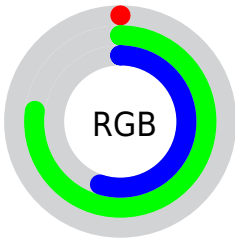
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 115, 196
Decimal	50315
CIELab	70.42, -54.71, 17.25
CIELCh	70, 57.363, 162.498
Yxy	41.3439, 0.2519, 0.4268
Android (android.graphics.Color)	4278240395 (0xFF00C48B)
YUV	130.8980, 3.9943, -114.7975
Hunter-Lab	64.2993, -44.7869, 16.3137

# Details

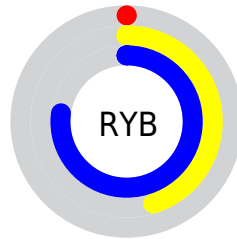
The Hex color **00C48B** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C40039**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **63FEC1**, and **008D59** is the 20% darker color. If you saturate the color by 10%, you get **00C48B**, and if you desaturate by 10%, it is **14C491**.

# Distribution



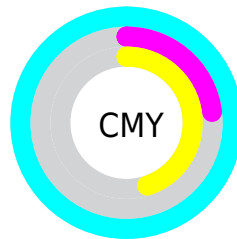
- Red (0%)
- Green (77%)
- Blue (55%)



- Red (0%)
- Yellow (45%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C48B 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 00C48B by changing the saturation by 10% instead.



 00C48B

 00C48B

FFFFFF

 00A871


 63FEC1

 008D59

 84FFDD

 007241

 A3FFF9

 00592B

 C1FFFF

 004015

 E0FFFF

 002900

 000300

 000000

 00C48B

 14C491

 27C496

 3BC49C

 4EC4A2

 62C4A8

 76C4AD

 89C4B3

 9DC4B9

 B0C4BE

# Harmonies

## Analogous

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



7BBD5C



00C48B



00C6C1

# Triad

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



00C48B



77AAFF



FF8B68

# Complementary

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



00C48B



C40039

# 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.



FF7E98



00C48B



CC95FA

# Square

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



00C48B



00BAFF



FC83CD



E39E46

# Rectangle

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



00C48B



00C5E3



FC83CD



FF8577

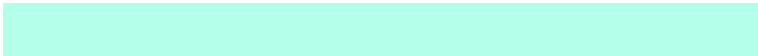


# Sweetspot

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



00C48B



B3FFE9



3BC400



528072



000000



808080



# Same Dimension

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



00C48B



00FFB5



009DC4



57615E



00A172



002118



# Inverse Universe

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



C40039



FF004A



C42700



61575A



A1002F

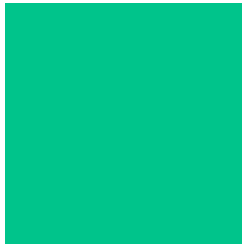


21000A



# Previews

## White Background



This preview shows how the Hex color 00C48B 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 00C48B 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 00C48B Background



This preview shows how black text looks on a background with the Hex color 00C48B.

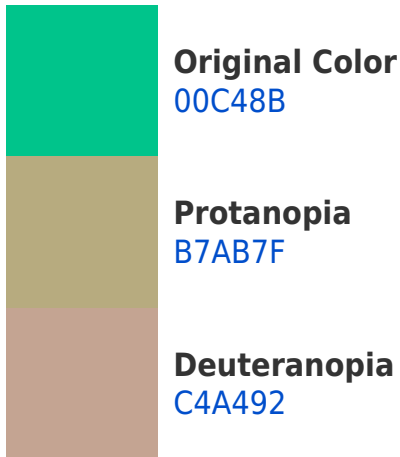


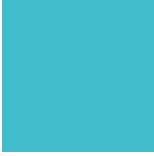
This preview shows how white text looks on a background with the Hex color 00C48B.

# 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





# Trichromacy



**Original Color**  
00C48B



**Protanomaly**  
74B483



**Deuteranomaly**  
7DB08F



**Tritanomaly**  
29BFB4

# Monochromacy



**Original Color**  
00C48B



**Achromatopsia**  
838383



**Achromatomaly**  
539B86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C48B 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 #00C48B looks like.

```
.text, #text, p{  
    color:#00C48B  
}
```

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 #00C48B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C48B
}
```

## Border

The CSS property to change the border of an element to Hex 00C48B 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
#00C48B }
```

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

```
.border{ border-color:#00C48B }
```

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

Here you see how a box with a 4 pixel #00C48B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C48B; -webkit-box-shadow:4px 4px  
4px 4px #00C48B; box-shadow:4px 4px 4px  
4px #00C48B }
```

# Background

The CSS property to change the background color of an element to Hex 00C48B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C48B }
```

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

```
.background{ background-color:#00C48B }
```

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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