

# Converting Colors

Hex(00C58E)

Have a look what the booklet for  
Hex(00C58E) contains.

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# Color

Hex(00C58E)

# Conversions

## Conversions Part 1

Format	Color
Hex	00C58E
RGB	0, 197, 142
RGB Percent	0%, 77%, 56%
CMY	1.0000, 0.2275, 0.4431
CMYK	1.00, 0.00, 0.28, 0.23
HSL	163°, 100%, 39%
HSV	163°, 100%, 77%
XYZ	24.8487, 41.8855, 32.3662
YIQ	131.8270, -99.7570, -58.8690

# Conversions

## Conversions Part 2

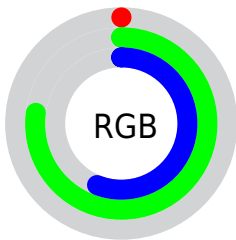
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 114, 197
Decimal	50574
CIELab	70.79, -54.39, 16.16
CIELCh	71, 56.742, 163.449
Yxy	41.8855, 0.2507, 0.4227
Android (android.graphics.Color)	4278240654 (0xFF00C58E)
YUV	131.8270, 5.0153, -115.6123
Hunter-Lab	64.7190, -44.7235, 15.6521

# Details

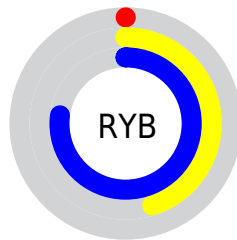
The Hex color **00C58E** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C50037**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **64FFC4**, and **008E5C** is the 20% darker color. If you saturate the color by 10%, you get **00C58E**, and if you desaturate by 10%, it is **14C594**.

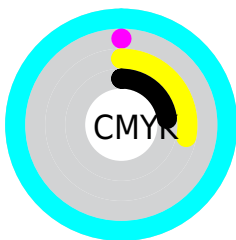
# Distribution



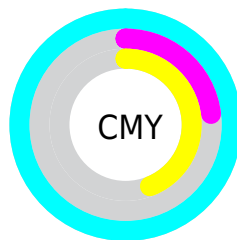
- Red (0%)
- Green (77%)
- Blue (56%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C58E 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 00C58E by changing the saturation by 10% instead.



 00C58E

 00C58E

FFFFFF

 00A974

 64FFC4

 008E5C

 84FFE0

 007344

 A3FFFC

 005A2D

 C2FFFF

 004118

 E0FFFF

 002A00

 000500

 000000

 00C58E

 14C594

 27C599

 3BC59F

 4FC5A4

 63C5AA

 76C5AF

 8AC5B5

 9EC5BA

 B1C5C0

# Harmonies

## Analogous

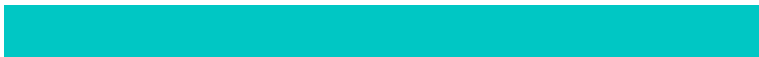
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7BBE5F



00C58E



00C7C4

# Triad

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



00C58E



7DABFF



FF8D68

# Complementary

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



00C58E



C50037

# 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.



FF8098



00C58E



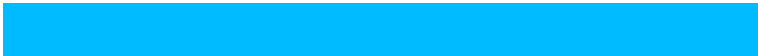
CF96F9

# Square

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



00C58E



00BBFF



FD84CC



E2A048

# Rectangle

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



00C58E



00C6E5



FD84CC



FF8777

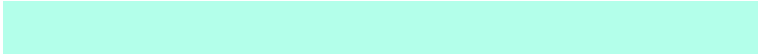


# Sweetspot

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



00C58E



B3FFEA



38C500



528073



000000



808080



# Same Dimension

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



00C58E



00FFB8



009AC5



5A6361



00A376



00241A



# Inverse Universe

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



C50037



FF0047



C52B00



635A5C



A3002E

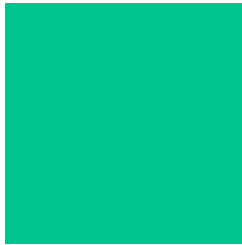


24000A



# Previews

## White Background



This preview shows how the Hex color 00C58E looks on a white background.

## Color Contrast Check

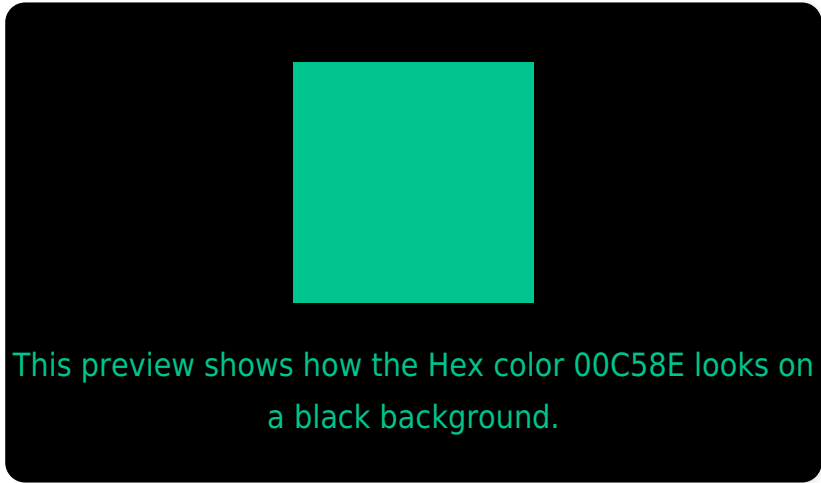
Large Text (above 18pt) WCAG AA × Fail

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 00C58E Background



This preview shows how black text looks on a background with the Hex color 00C58E.

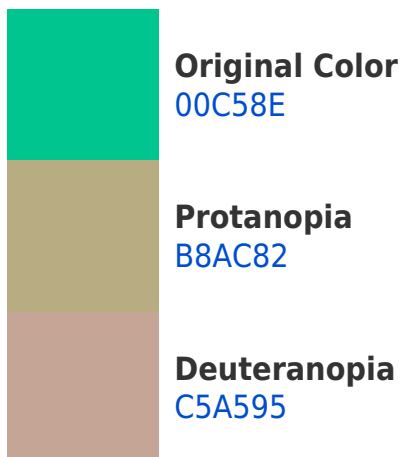


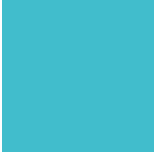
This preview shows how white text looks on a background with the Hex color 00C58E.

# Color Blindness Simulation

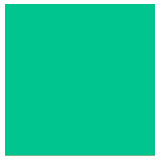
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
00C58E



**Protanomaly**  
75B586



**Deuteranomaly**  
7DB192



**Tritanomaly**  
29C0B5

# Monochromacy



**Original Color**  
00C58E



**Achromatopsia**  
848484



**Achromatomaly**  
549C88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C58E 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 #00C58E looks like.

```
.text, #text, p{  
    color:#00C58E  
}
```

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 #00C58E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C58E
}
```

## Border

The CSS property to change the border of an element to Hex 00C58E 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
#00C58E }
```

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

```
.border{ border-color:#00C58E }
```

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

Here you see how a box with a 4 pixel #00C58E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C58E; -webkit-box-shadow:4px 4px  
4px 4px #00C58E; box-shadow:4px 4px 4px  
4px #00C58E }
```

# Background

The CSS property to change the background color of an element to Hex 00C58E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C58E }
```

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

```
.background{ background-color:#00C58E }
```

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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