

Converting Colors

Hex(00C18E)

Have a look what the booklet for
Hex(00C18E) contains.

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Color

Hex(00C18E)

Conversions

Conversions Part 1

Format	Color
Hex	00C18E
RGB	0, 193, 142
RGB Percent	0%, 76%, 56%
CMY	1.0000, 0.2431, 0.4431
CMYK	1.00, 0.00, 0.26, 0.24
HSL	164°, 100%, 38%
HSV	164°, 100%, 76%
XYZ	23.9524, 40.0929, 32.0675
YIQ	129.4790, -98.6570, -56.7770

Conversions

Conversions Part 2

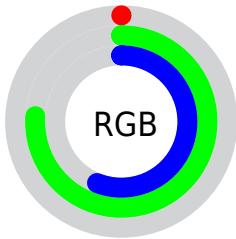
Format	Color
RYB	0, 111, 193
Decimal	49550
CIELab	69.54, -52.87, 14.41
CIELCh	70, 54.796, 164.753
Yxy	40.0929, 0.2492, 0.4171
Android (android.graphics.Color)	4278239630 (0xFF00C18E)
YUV	129.4790, 6.1729, -113.5531
Hunter-Lab	63.3190, -43.2848, 14.2963

Details

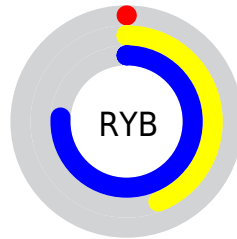
The Hex color **00C18E** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C10033**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **63FBC4**, and **008A5C** is the 20% darker color. If you saturate the color by 10%, you get **00C18E**, and if you desaturate by 10%, it is **13C193**.

Distribution



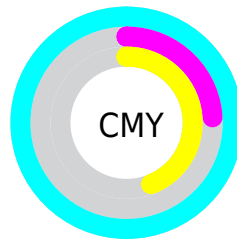
- Red (0%)
- Green (76%)
- Blue (56%)



- Red (0%)
- Yellow (44%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C18E 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 00C18E by changing the saturation by 10% instead.

 00C18E

 00C18E

FFFFFF

 00A574

 63FBC4

 008A5C

 83FFE0

 007044

 A2FFFC

 00562E

 C0FFFF

 003D18

 DFFFFFF

 002700

FEFFFF

 000000

 00C18E

 13C193

 27C198

 3AC19D

 4DC1A2

 61C1A8

 74C1AD

 87C1B2

 9AC1B7

 AEC1BC

Harmonies

Analogous

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



77BB60



00C18E



00C3C2

Triad

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



00C18E



80A7FF



FB8C66

Complementary

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



00C18E



C10033

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.



FF7F93



00C18E



CD93F1

Square

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



00C18E



00B6FF



F882C5



DB9E47

Rectangle

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



00C18E



00C1E1



F882C5



FF8674

Sweetspot

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



00C18E



AFFAE6



33C100



507D71



FCFCFC



7D7D7D

Same Dimension

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



00C18E



00FAB8



0094C1



57615E



00A176



002118

Inverse Universe

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



C10033



FA0042



C12D00



61575A



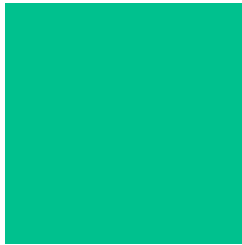
A1002A



210009

Previews

White Background



This preview shows how the Hex color 00C18E 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 00C18E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

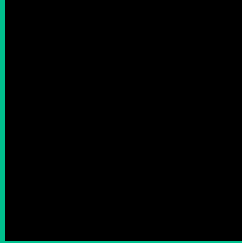
Any Text WCAG AA ✓ Pass

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 00C18E Background



This preview shows how black text looks on a background with the Hex color 00C18E.

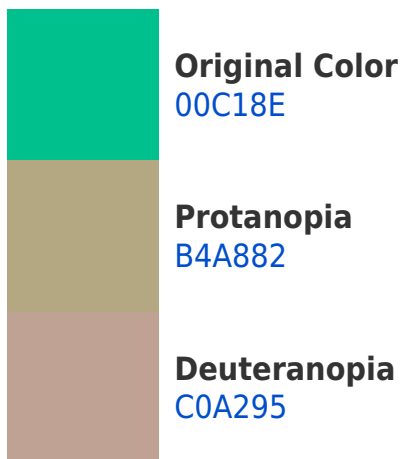


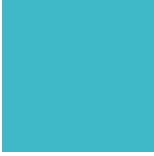
This preview shows how white text looks on a background with the Hex color 00C18E.

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
3FB9C8

Trichromacy



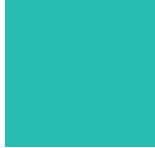
Original Color
00C18E



Protanomaly
73B186



Deuteranomaly
7AAD92



Tritanomaly
28BCB3

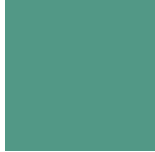
Monochromacy



Original Color
00C18E



Achromatopsia
818181



Achromatomaly
529886

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C18E 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 #00C18E looks like.

```
.text, #text, p{  
    color:#00C18E  
}
```

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 #00C18E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C18E
}
```

Border

The CSS property to change the border of an element to Hex 00C18E 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
#00C18E }
```

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

```
.border{ border-color:#00C18E }
```

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

Here you see how a box with a 4 pixel #00C18E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C18E; -webkit-box-shadow:4px 4px  
4px 4px #00C18E; box-shadow:4px 4px 4px  
4px #00C18E }
```

Background

The CSS property to change the background color of an element to Hex 00C18E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C18E }
```

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

```
.background{ background-color:#00C18E }
```

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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