

Converting Colors

Hex(00C38E)

Have a look what the booklet for
Hex(00C38E) contains.

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Color

Hex(00C38E)

Conversions

Conversions Part 1

Format	Color
Hex	00C38E
RGB	0, 195, 142
RGB Percent	0%, 76%, 56%
CMY	1.0000, 0.2353, 0.4431
CMYK	1.00, 0.00, 0.27, 0.24
HSL	164°, 100%, 38%
HSV	164°, 100%, 76%
XYZ	24.3976, 40.9832, 32.2159
YIQ	130.6530, -99.2070, -57.8230

Conversions

Conversions Part 2

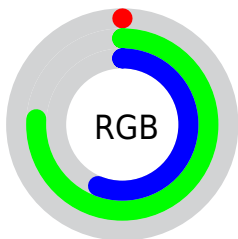
Format	Color
RYB	0, 113, 195
Decimal	50062
CIELab	70.16, -53.63, 15.29
CIELCh	70, 55.769, 164.089
Yxy	40.9832, 0.2500, 0.4199
Android (android.graphics.Color)	4278240142 (0xFF00C38E)
YUV	130.6530, 5.5941, -114.5827
Hunter-Lab	64.0181, -44.0046, 14.9762

Details

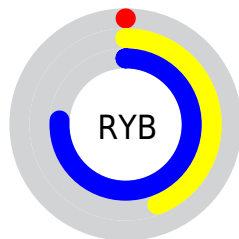
The Hex color **00C38E** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C30035**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **63FDC4**, and **008C5C** is the 20% darker color. If you saturate the color by 10%, you get **00C38E**, and if you desaturate by 10%, it is **13C393**.

Distribution



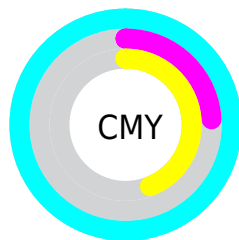
- Red (0%)
- Green (76%)
- Blue (56%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00C38E 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 00C38E by changing the saturation by 10% instead.



00C38E



00C38E

FFFFFF



00A77A



63FDC4



008C5C



83FFE0



007144



A2FFFC



00582D



C1FFFF



003F18



E0FFFF



002800



000100



000000



00C38E

 13C393

 27C399

 3BC39E

 4EC3A3

 62C3A9

 75C3AE

 88C3B3

 9CC3B8

 B0C3BE

Harmonies

Analogous

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



79BC60



00C38E



00C5C3

Triad

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



00C38E



7FA9FF



FF8C67

Complementary

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



00C38E



C30035

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.



FF8096



00C38E



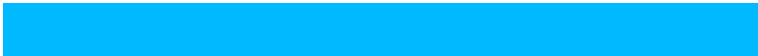
CE94F5

Square

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



00C38E



00B9FF



FB83C9



DF9F48

Rectangle

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



00C38E



00C3E3



FB83C9



FF8775

Sweetspot

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



00C38E



B1FCE8



37C300



528073



000000



808080

Same Dimension

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



00C38E



00FCB8



0099C3



57615E



00A175



002118

Inverse Universe

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



C30035



FC0045



C32A00



61575A



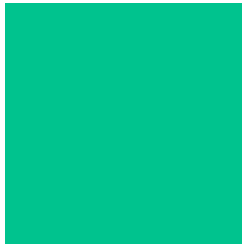
A1002C



210009

Previews

White Background



This preview shows how the Hex color 00C38E 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 00C38E 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 00C38E Background



This preview shows how black text looks on a background with the Hex color 00C38E.

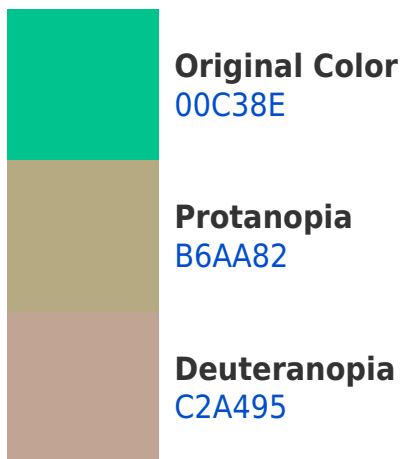


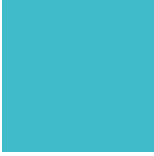
This preview shows how white text looks on a background with the Hex color 00C38E.

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
40BBCA

Trichromacy



Original Color
00C38E



Protanomaly
74B386



Deuteranomaly
7BAF92



Tritanomaly
29BEB4

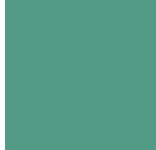
Monochromacy



Original Color
00C38E



Achromatopsia
838383



Achromatomaly
539A87

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C38E 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 #00C38E looks like.

```
.text, #text, p{  
    color:#00C38E  
}
```

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 #00C38E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C38E
}
```

Border

The CSS property to change the border of an element to Hex 00C38E 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
#00C38E }
```

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

```
.border{ border-color:#00C38E }
```

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

Here you see how a box with a 4 pixel #00C38E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C38E; -webkit-box-shadow:4px 4px  
4px 4px #00C38E; box-shadow:4px 4px 4px  
4px #00C38E }
```

Background

The CSS property to change the background color of an element to Hex 00C38E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C38E }
```

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

```
.background{ background-color:#00C38E }
```

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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