

Converting Colors

Hex(00C38D)

Have a look what the booklet for
Hex(00C38D) contains.

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Color

Hex(00C38D)

Conversions

Conversions Part 1

Format	Color
Hex	00C38D
RGB	0, 195, 141
RGB Percent	0%, 76%, 55%
CMY	1.0000, 0.2353, 0.4471
CMYK	1.00, 0.00, 0.28, 0.24
HSL	163°, 100%, 38%
HSV	163°, 100%, 76%
XYZ	24.3228, 40.9533, 31.8221
YIQ	130.5390, -98.8860, -58.1340

Conversions

Conversions Part 2

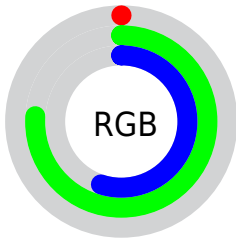
Format	Color
RYB	0, 113, 195
Decimal	50061
CIELab	70.14, -53.87, 15.80
CIELCh	70, 56.135, 163.655
Yxy	40.9533, 0.2505, 0.4218
Android (android.graphics.Color)	4278240141 (0xFF00C38D)
YUV	130.5390, 5.1573, -114.4827
Hunter-Lab	63.9948, -44.1474, 15.3137

Details

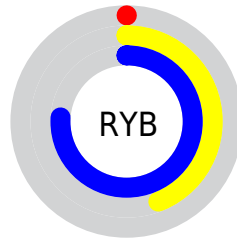
The Hex color **00C38D** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C30036**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **63FDC3**, and **008C5B** is the 20% darker color. If you saturate the color by 10%, you get **00C38D**, and if you desaturate by 10%, it is **13C392**.

Distribution



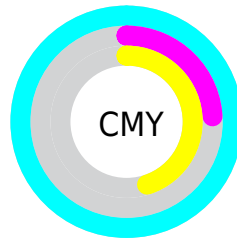
- Red (0%)
- Green (76%)
- Blue (55%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C38D 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 00C38D by changing the saturation by 10% instead.

 00C38D

 00C38D

FFFFFF

 00A773

 63FDC3

 008C5B

 83FFDF

 007143

 A2FFFB

 00582D

 C1FFFF

 003F17

 E0FFFF

 002800

FEFFFF

 000100

 000000

 00C38D

 13C392

 27C398

 3BC39D

 4EC3A3

 62C3A8

 75C3AD

 88C3B3

 9CC3B8

 B0C3BE

Harmonies

Analogous

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



79BC5E



00C38D



00C5C2

Triad

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



00C38D



7DA9FF



FF8C67

Complementary

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



00C38D



C30036

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.



FF7F96



00C38D



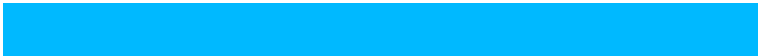
CD95F6

Square

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



00C38D



00B9FF



FB83C9



E09F47

Rectangle

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



00C38D



00C4E3



FB83C9



FF8676

Sweetspot

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



00C38D



B1FCE7



37C300



528073



000000



808080

Same Dimension

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



00C38D



00FCB7



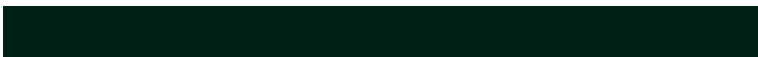
0099C3



57615E



00A174



002118

Inverse Universe

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



C30036



FC0046



C32A00



61575A



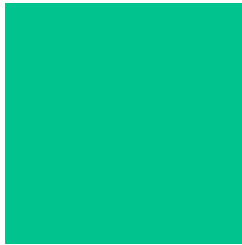
A1002C



210009

Previews

White Background



This preview shows how the Hex color 00C38D 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 00C38D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

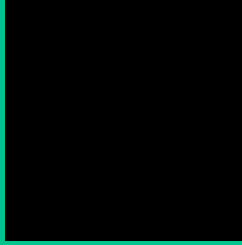
Any Text WCAG AA ✓ Pass

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 00C38D Background



This preview shows how black text looks on a background with the Hex color 00C38D.

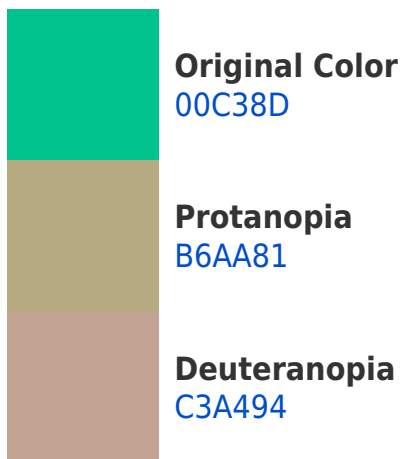


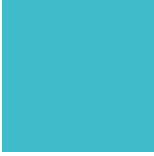
This preview shows how white text looks on a background with the Hex color 00C38D.

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



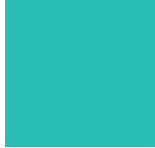
Original Color
00C38D



Protanomaly
74B385

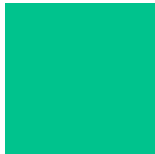


Deuteranomaly
7CAF91



Tritanomaly
29BEB4

Monochromacy



Original Color
00C38D



Achromatopsia
838383



Achromatomaly
539A87

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C38D 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 #00C38D looks like.

```
.text, #text, p{  
    color:#00C38D  
}
```

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 #00C38D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C38D
}
```

Border

The CSS property to change the border of an element to Hex 00C38D 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
#00C38D }
```

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

```
.border{ border-color:#00C38D }
```

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

Here you see how a box with a 4 pixel #00C38D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C38D; -webkit-box-shadow:4px 4px  
4px 4px #00C38D; box-shadow:4px 4px 4px  
4px #00C38D }
```

Background

The CSS property to change the background color of an element to Hex 00C38D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C38D }
```

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

```
.background{ background-color:#00C38D }
```

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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