

# Converting Colors

Hex(00C8A0)

Have a look what the booklet for  
Hex(00C8A0) contains.

<b>Hex(00C8A0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(00C8A0)

# Conversions

## Conversions Part 1

Format	Color
Hex	00C8A0
RGB	0, 200, 160
RGB Percent	0%, 78%, 63%
CMY	1.0000, 0.2157, 0.3725
CMYK	1.00, 0.00, 0.20, 0.22
HSL	168°, 100%, 39%
HSV	168°, 100%, 78%
XYZ	26.9994, 43.8466, 40.2979
YIQ	135.6400, -106.3600, -54.8400

# Conversions

## Conversions Part 2

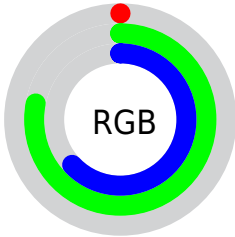
Format	Color
<b>RYB</b>	0, 111, 200
Decimal	51360
CIELab	72.13, -51.17, 8.35
CIELCh	72, 51.847, 170.736
Yxy	43.8466, 0.2429, 0.3945
Android (android.graphics.Color)	4278241440 (0xFF00C8A0)
YUV	135.6400, 12.0095, -118.9563
Hunter-Lab	66.2168, -43.0972, 10.2693

# Details

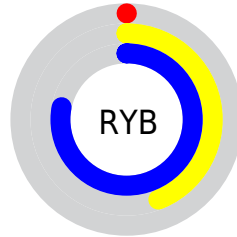
The Hex color **00C8A0** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C80028**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **66FFD7**, and **00916D** is the 20% darker color. If you saturate the color by 10%, you get **00C8A0**, and if you desaturate by 10%, it is **14C8A4**.

# Distribution



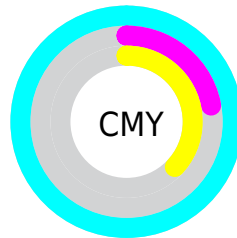
- Red (0%)
- Green (78%)
- Blue (63%)



- Red (0%)
- Yellow (44%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C8A0 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 00C8A0 by changing the saturation by 10% instead.



 00C8A0

 00C8A0

FFFFFF

 00AC86

 66FFD7

 00916D

 86FFF3

 007654

 A5FFFF

 005C3D

 C4FFF3

 004427

 E3FFF3

 002E13

 000E00

 000000

 00C8A0

 14C8A4

 28C8A8

 3CC8AC

 50C8B0

 64C8B4

 78C8B8

 8CC8BC

 A0C8C0

 B4C8C4

# Harmonies

## Analogous

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



75C373



00C8A0



00C9D1

# Triad

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



00C8A0



9DAAFF



FB9869

# Complementary

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



00C8A0



C80028

# 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.



FF8B92



00C8A0



DD98ED

# Square

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



00C8A0



28BAFF



FF8AC2



DAA951

# Rectangle

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



00C8A0



00C6ED



FF8AC2



FF9275

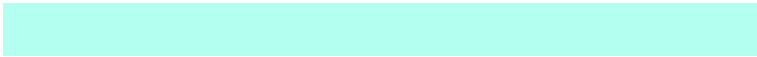


# Sweetspot

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



00C8A0



B3FFF0



28C800



528076



000000



808080



# Same Dimension

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



00C8A0



00FFCC



008CC8



5A6361



00A383



00241D



# Inverse Universe

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



C80028



FF0033



C83C00



635A5B



A30021

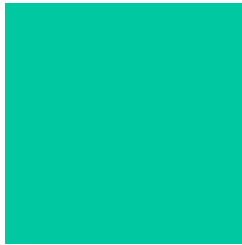


240007



# Previews

## White Background



This preview shows how the Hex color 00C8A0 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 00C8A0 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

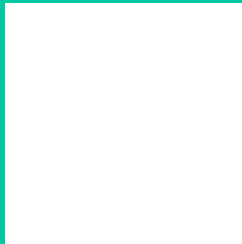
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00C8A0 Background



This preview shows how black text looks on a background with the Hex color 00C8A0.

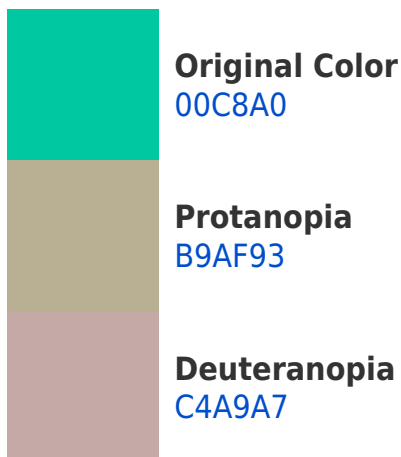


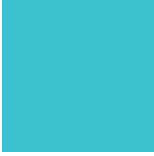
This preview shows how white text looks on a background with the Hex color 00C8A0.

# 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**  
3CC1D1

# Trichromacy



**Original Color**  
00C8A0



**Protanomaly**  
76B898

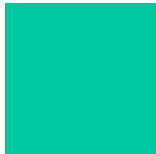


**Deuteranomaly**  
7DB4A4



**Tritanomaly**  
26C4BF

# Monochromacy



**Original Color**  
00C8A0



**Achromatopsia**  
888888



**Achromatomaly**  
579F91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C8A0 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 #00C8A0 looks like.

```
.text, #text, p{  
    color:#00C8A0  
}
```

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 #00C8A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C8A0
}
```

## Border

The CSS property to change the border of an element to Hex 00C8A0 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
#00C8A0 }
```

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

```
.border{ border-color:#00C8A0 }
```

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

Here you see how a box with a 4 pixel #00C8A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C8A0; -webkit-box-shadow:4px 4px  
4px 4px #00C8A0; box-shadow:4px 4px 4px  
4px #00C8A0 }
```

# Background

The CSS property to change the background color of an element to Hex 00C8A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C8A0 }
```

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

```
.background{ background-color:#00C8A0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor