

# Converting Colors

Hex(00C8A7)

Have a look what the booklet for  
Hex(00C8A7) contains.

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**Color**

**Hex(00C8A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C8A7
RGB	0, 200, 167
RGB Percent	0%, 78%, 65%
CMY	1.0000, 0.2157, 0.3451
CMYK	1.00, 0.00, 0.16, 0.22
HSL	170°, 100%, 39%
HSV	170°, 100%, 78%
XYZ	27.6293, 44.0986, 43.6149
YIQ	136.4380, -108.6070, -52.6630

# Conversions

## Conversions Part 2

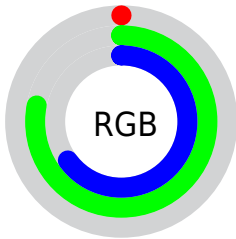
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 109, 200
Decimal	51367
CIELab	72.29, -49.36, 4.80
CIELCh	72, 49.594, 174.445
Yxy	44.0986, 0.2395, 0.3823
Android (android.graphics.Color)	4278241447 (0xFF00C8A7)
YUV	136.4380, 15.0671, -119.6561
Hunter-Lab	66.4068, -41.9448, 7.5440

# Details

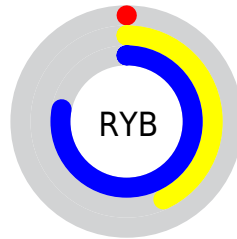
The Hex color **00C8A7** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C80021**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **66FFDE**, and **009173** is the 20% darker color. If you saturate the color by 10%, you get **00C8A7**, and if you desaturate by 10%, it is **14C8AA**.

# Distribution



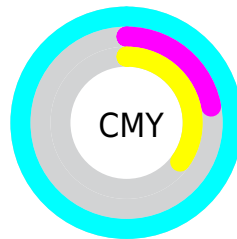
- Red (0%)
- Green (78%)
- Blue (65%)



- Red (0%)
- Yellow (43%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C8A7 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 00C8A7 by changing the saturation by 10% instead.



 00C8A7

 00C8A7

FFFFFF

 00AC8D

 66FFDE

 009173

 87FFFB

 00765B

 A6FFFF

 005D43

 C5FFFF

 00442D

 E4FFFF

 002E18

 000F00

 000000

 00C8A7

 14C8AA

 28C8AE

 3CC8B1

 50C8B4

 64C8B8

 78C8BB

 8CC8BE

 A0C8C1

 B4C8C5

# Harmonies

## Analogous

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



71C37B



00C8A7



00C8D5

# Triad

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



00C8A7



A8A9FF



F69B69

# Complementary

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



00C8A7



C80021

# 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.



FF8E8E



00C8A7



E297E7

# Square

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



00C8A7



4DB9FF



FF8CBC



D4AC55

# Rectangle

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



00C8A7



00C5F0



FF8CBC



FD9674

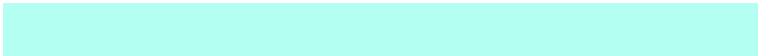


# Sweetspot

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



00C8A7



B3FFF2



21C800



528078



000000



808080



# Same Dimension

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



00C8A7



00FFD5



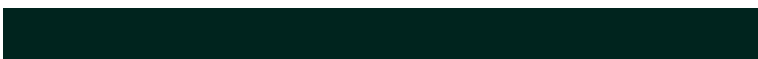
0085C8



5A6362



00A388



00241E



# Inverse Universe

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



C80021



FF002A



C84300



635A5B



A3001B

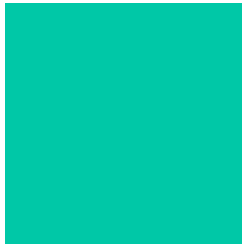


240006



# Previews

## White Background



This preview shows how the Hex color 00C8A7 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 00C8A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

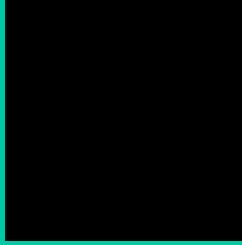
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

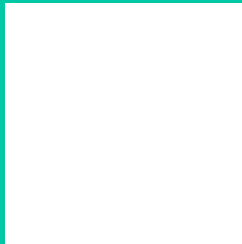
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00C8A7 Background



This preview shows how black text looks on a background with the Hex color 00C8A7.



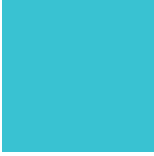
This preview shows how white text looks on a background with the Hex color 00C8A7.

# 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**  
39C2D2

# Trichromacy



**Original Color**  
00C8A7



**Protanomaly**  
75B89F



**Deuteranomaly**  
7BB5AB



**Tritanomaly**  
24C4C2

# Monochromacy



**Original Color**  
00C8A7



**Achromatopsia**  
888888



**Achromatomaly**  
579F93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C8A7 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 #00C8A7 looks like.

```
.text, #text, p{  
    color:#00C8A7  
}
```

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 #00C8A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C8A7
}
```

## Border

The CSS property to change the border of an element to Hex 00C8A7 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
#00C8A7 }
```

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

```
.border{ border-color:#00C8A7 }
```

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

Here you see how a box with a 4 pixel #00C8A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C8A7; -webkit-box-shadow:4px 4px  
4px 4px #00C8A7; box-shadow:4px 4px 4px  
4px #00C8A7 }
```

# Background

The CSS property to change the background color of an element to Hex 00C8A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C8A7 }
```

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

```
.background{ background-color:#00C8A7 }
```

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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