

# Converting Colors

Hex(00C1A0)

Have a look what the booklet for  
Hex(00C1A0) contains.

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# Color

**Hex(00C1A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C1A0
RGB	0, 193, 160
RGB Percent	0%, 76%, 63%
CMY	1.0000, 0.2431, 0.3725
CMYK	1.00, 0.00, 0.17, 0.24
HSL	170°, 100%, 38%
HSV	170°, 100%, 76%
XYZ	25.4151, 40.6780, 39.7698
YIQ	131.5310, -104.4350, -51.1790

# Conversions

## Conversions Part 2

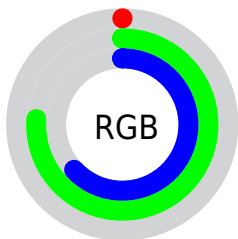
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 106, 193
Decimal	49568
CIELab	69.95, -48.35, 5.22
CIElCh	70, 48.632, 173.832
Yxy	40.6780, 0.2401, 0.3843
Android (android.graphics.Color)	4278239648 (0xFF00C1A0)
YUV	131.5310, 14.0352, -115.3527
Hunter-Lab	63.7793, -40.4841, 7.6750

# Details

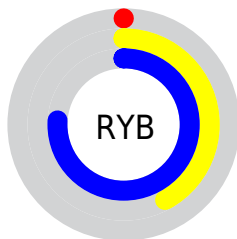
The Hex color **00C1A0** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C10021**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **64FAD7**, and **008A6D** is the 20% darker color. If you saturate the color by 10%, you get **00C1A0**, and if you desaturate by 10%, it is **13C1A3**.

# Distribution



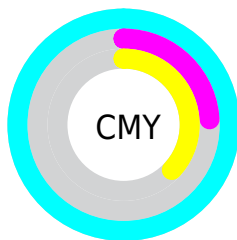
- Red (0%)
- Green (76%)
- Blue (63%)



- Red (0%)
- Yellow (42%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C1A0 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 00C1A0 by changing the saturation by 10% instead.



 00C1A0

 00C1A0

FFFFFF

 00A586

 64FAD7

 008A6D

 84FFF3

 007054

 A3FFFF

 00563D

 C2FFFF

 003E27

 E0FFFF

 002813

 000000

 00C1A0

 13C1A3

 27C1A7

 3AC1AA

 4DC1AD

 61C1B1

 74C1B4

 87C1B7

 9AC1BA

 AEC1BE

# Harmonies

## Analogous

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



6DBC75



00C1A0



00C1CD

# Triad

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



00C1A0



A0A3FC



EE9565

# Complementary

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



00C1A0



C10021

# 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.



FE898A



00C1A0



D992E0

# Square

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



00C1A0



45B2FF



F887B6



CDA551

# Rectangle

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



00C1A0



00BFE7



F887B6



F59070



# Sweetspot

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



00C1A0



AFFAED



23C100



507D75



FCFCFC



7D7D7D



# Same Dimension

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



00C1A0



00FACF



0084C1



57615F



00A185



00211B



# Inverse Universe

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



C10021



FA002B



C13D00



615759



A1001B



210006



# Previews

## White Background



This preview shows how the Hex color 00C1A0 looks on a white background.

## Color Contrast Check

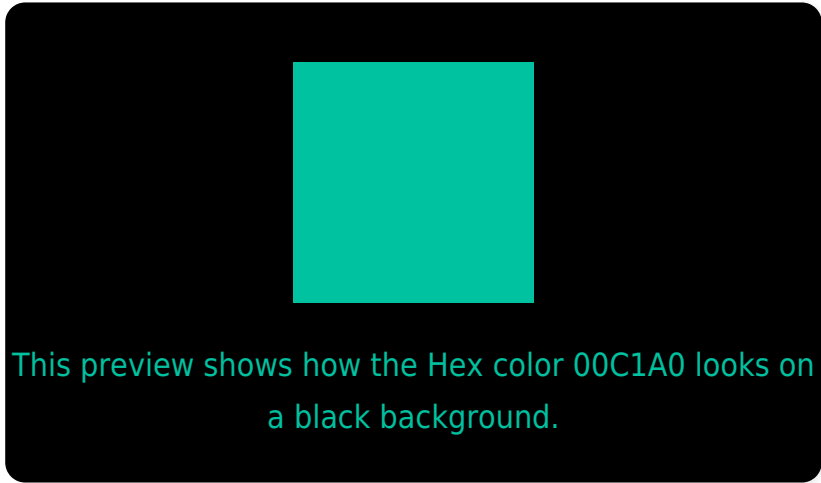
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

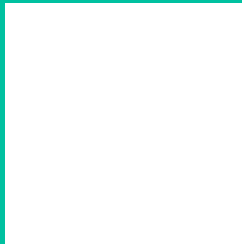
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00C1A0 Background



This preview shows how black text looks on a background with the Hex color 00C1A0.

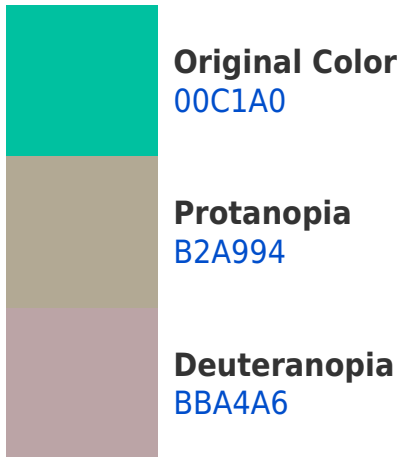


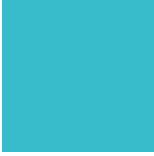
This preview shows how white text looks on a background with the Hex color 00C1A0.

# 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**  
38BBCA

# Trichromacy



**Original Color**  
00C1A0



**Protanomaly**  
71B298



**Deuteranomaly**  
77AFA4



**Tritanomaly**  
24BDBB

# Monochromacy



**Original Color**  
00C1A0



**Achromatopsia**  
848484



**Achromatomaly**  
549A8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C1A0 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 #00C1A0 looks like.

```
.text, #text, p{  
    color:#00C1A0  
}
```

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 #00C1A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C1A0
}
```

## Border

The CSS property to change the border of an element to Hex 00C1A0 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
#00C1A0 }
```

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

```
.border{ border-color:#00C1A0 }
```

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

Here you see how a box with a 4 pixel #00C1A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C1A0; -webkit-box-shadow:4px 4px  
4px 4px #00C1A0; box-shadow:4px 4px 4px  
4px #00C1A0 }
```

# Background

The CSS property to change the background color of an element to Hex 00C1A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C1A0 }
```

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

```
.background{ background-color:#00C1A0 }
```

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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