

Converting Colors

Hex(00C1AD)

Have a look what the booklet for
Hex(00C1AD) contains.

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Color

Hex(00C1AD)

Conversions

Conversions Part 1

Format	Color
Hex	00C1AD
RGB	0, 193, 173
RGB Percent	0%, 76%, 68%
CMY	1.0000, 0.2431, 0.3216
CMYK	1.00, 0.00, 0.10, 0.24
HSL	174°, 100%, 38%
HSV	174°, 100%, 76%
XYZ	26.6128, 41.1571, 46.0766
YIQ	133.0130, -108.6080, -47.1360

Conversions

Conversions Part 2

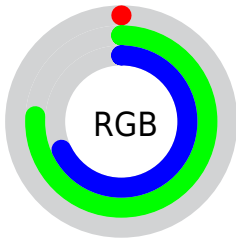
Format	Color
RYB	0, 102, 193
Decimal	49581
CIELab	70.29, -44.82, -1.39
CIELCh	70, 44.838, 181.771
Yxy	41.1571, 0.2338, 0.3615
Android (android.graphics.Color)	4278239661 (0xFF00C1AD)
YUV	133.0130, 19.7136, -116.6524
Hunter-Lab	64.1538, -38.2223, 2.3243

Details

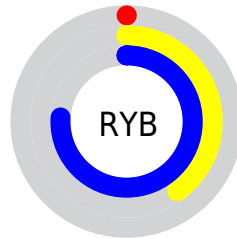
The Hex color **00C1AD** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C10014**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **65FAE4**, and **008A79** is the 20% darker color. If you saturate the color by 10%, you get **00C1AD**, and if you desaturate by 10%, it is **13C1AF**.

Distribution



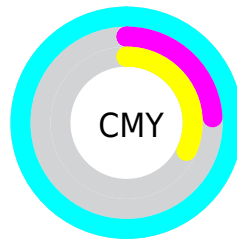
- Red (0%)
- Green (76%)
- Blue (68%)



- Red (0%)
- Yellow (40%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C1AD 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 00C1AD by changing the saturation by 10% instead.

 00C1AD

 00C1AD

FFFFFF

 00A592

 65FAE4

 008A79

 85FFFF

 007060

 A5FFFF

 005748

 C3FFFF

 003E32

 E2FFFF

 00291D

 000204

 000000

 00C1AD

 13C1AF

 27C1B1

 3AC1B3

 4DC1B5

 61C1B7

 74C1B9

 87C1BB

 9AC1BD

 AEC1BF

Harmonies

Analogous

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



66BE84



00C1AD



00C0D5

Triad

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



00C1AD



B3A0F1



E49C65

Complementary

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



00C1AD



C10014

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.



F78F83



00C1AD



E192D3

Square

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



00C1AD



6EAFFD



F78BAB



C3AA59

Rectangle

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



00C1AD



00BDEB



F78BAB



EC976D

Sweetspot

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



00C1AD



AFFAF2



17C100



507D78



FCFCFC



7D7D7D

Same Dimension

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



00C1AD



00FAE0



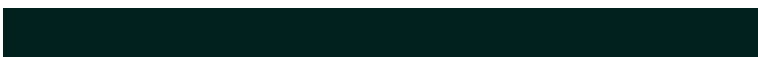
0077C1



576160



00A190



00211E

Inverse Universe

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



C10014



FA001A



C14A00



615758



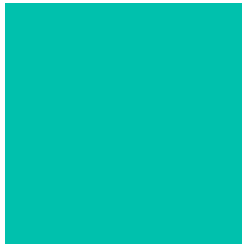
A10011



210003

Previews

White Background



This preview shows how the Hex color 00C1AD looks on a white background.

Color Contrast Check

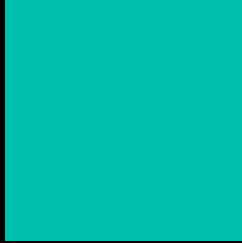
Large Text (above 18pt) WCAG AA × Fail

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 00C1AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

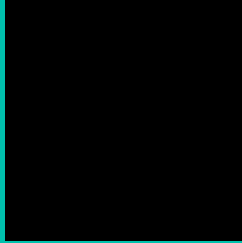
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

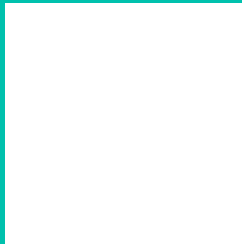
Any Text WCAG AAA ✓ Pass

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

Hex 00C1AD Background



This preview shows how black text looks on a background with the Hex color 00C1AD.

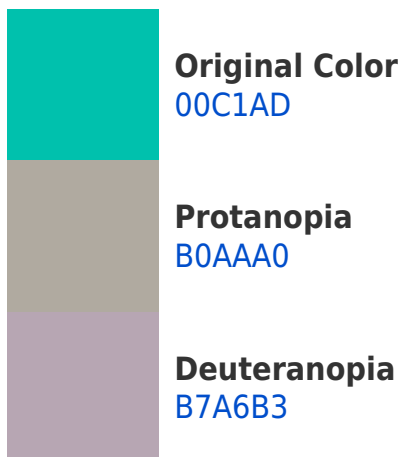


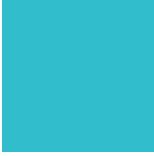
This preview shows how white text looks on a background with the Hex color 00C1AD.

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





Trichromacy



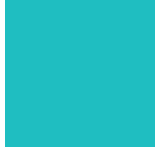
Original Color
00C1AD



Protanomaly
70B2A5



Deuteranomaly
74B0B1



Tritanomaly
1FBEC1

Monochromacy



Original Color
00C1AD



Achromatopsia
858585



Achromatomaly
559B94

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C1AD 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 #00C1AD looks like.

```
.text, #text, p{  
    color:#00C1AD  
}
```

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 #00C1AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C1AD
}
```

Border

The CSS property to change the border of an element to Hex 00C1AD 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
#00C1AD }
```

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

```
.border{ border-color:#00C1AD }
```

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

Here you see how a box with a 4 pixel #00C1AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C1AD; -webkit-box-shadow:4px 4px  
4px 4px #00C1AD; box-shadow:4px 4px 4px  
4px #00C1AD }
```

Background

The CSS property to change the background color of an element to Hex 00C1AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C1AD }
```

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

```
.background{ background-color:#00C1AD }
```

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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