

Converting Colors

Hex(00C1B2)

Have a look what the booklet for
Hex(00C1B2) contains.

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Color

Hex(00C1B2)

Conversions

Conversions Part 1

Format	Color
Hex	00C1B2
RGB	0, 193, 178
RGB Percent	0%, 76%, 70%
CMY	1.0000, 0.2431, 0.3020
CMYK	1.00, 0.00, 0.08, 0.24
HSL	175°, 100%, 38%
HSV	175°, 100%, 76%
XYZ	27.1058, 41.3543, 48.6730
YIQ	133.5830, -110.2130, -45.5810

Conversions

Conversions Part 2

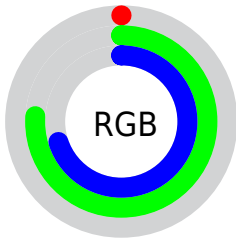
Format	Color
RYB	0, 100, 193
Decimal	49586
CIELab	70.42, -43.40, -3.92
CIELCh	70, 43.578, 185.157
Yxy	41.3543, 0.2314, 0.3531
Android (android.graphics.Color)	4278239666 (0xFF00C1B2)
YUV	133.5830, 21.8976, -117.1523
Hunter-Lab	64.3073, -37.2991, 0.1396

Details

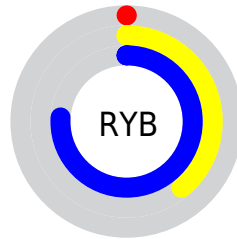
The Hex color **00C1B2** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C1000F**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **66FAEA**, and **008A7D** is the 20% darker color. If you saturate the color by 10%, you get **00C1B2**, and if you desaturate by 10%, it is **13C1B4**.

Distribution



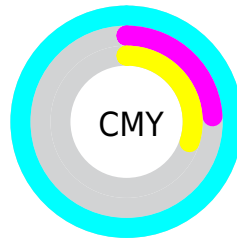
- Red (0%)
- Green (76%)
- Blue (70%)



- Red (0%)
- Yellow (39%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C1B2 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 00C1B2 by changing the saturation by 10% instead.

 00C1B2

 00C1B2

FFFFFF

 00A597

 66FAEA

 008A7D

 86FFFF

 007065

 A5FFFF

 00574D

 C4FFFF

 003F36

 E3FFFF

 002921

 00030B

 000000

 00C1B2

 13C1B4

 27C1B5

 3AC1B7

 4DC1B8

 61C1BA

 74C1BB

 87C1BD

 9AC1BE

 AEC1C0

Harmonies

Analogous

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



62BE8A



00C1B2



00BFD9

Triad

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



00C1B2



B99FED



E09E65

Complementary

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



00C1B2



C1000F

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.



F59281



00C1B2



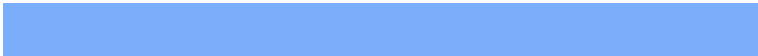
E392CE

Square

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



00C1B2



7AAEFB



F78CA7



BFAC5C

Rectangle

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



00C1B2



00BCEC



F78CA7



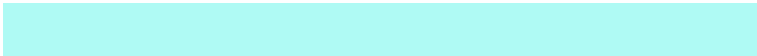
E99A6C

Sweetspot

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



00C1B2



AFFAF4



10C100



507D79



FCFCFC



7D7D7D

Same Dimension

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



00C1B2



00FAE6



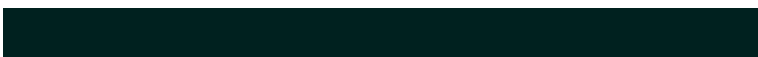
0071C1



576160



00A194



00211F

Inverse Universe

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



C1000F



FA0013



C15000



615758



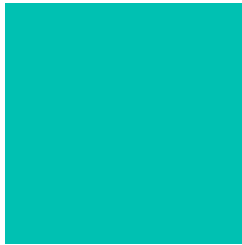
A1000C



210003

Previews

White Background



This preview shows how the Hex color 00C1B2 looks on a white background.

Color Contrast Check

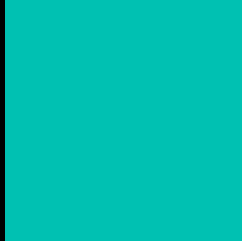
Large Text (above 18pt) WCAG AA × Fail

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 00C1B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

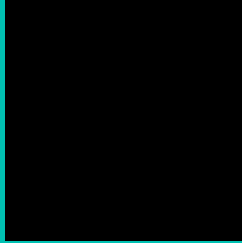
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

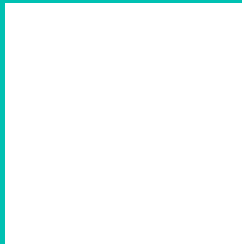
Any Text WCAG AAA ✓ Pass

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

Hex 00C1B2 Background



This preview shows how black text looks on a background with the Hex color 00C1B2.

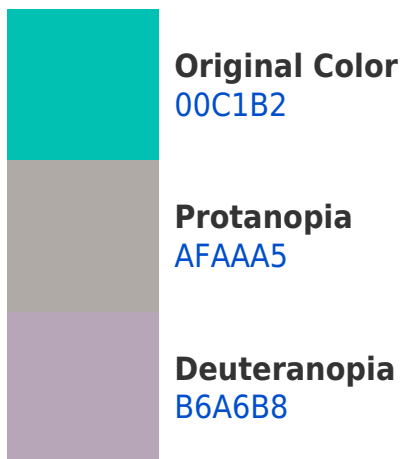


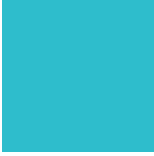
This preview shows how white text looks on a background with the Hex color 00C1B2.

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



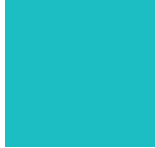
Original Color
00C1B2



Protanomaly
6FB2AA



Deuteranomaly
74B0B6



Tritanomaly
1DBEC3

Monochromacy



Original Color
00C1B2



Achromatopsia
868686



Achromatomaly
559B96

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C1B2 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 #00C1B2 looks like.

```
.text, #text, p{  
    color:#00C1B2  
}
```

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 #00C1B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C1B2
}
```

Border

The CSS property to change the border of an element to Hex 00C1B2 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
#00C1B2 }
```

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

```
.border{ border-color:#00C1B2 }
```

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

Here you see how a box with a 4 pixel #00C1B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C1B2; -webkit-box-shadow:4px 4px  
4px 4px #00C1B2; box-shadow:4px 4px 4px  
4px #00C1B2 }
```

Background

The CSS property to change the background color of an element to Hex 00C1B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C1B2 }
```

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

```
.background{ background-color:#00C1B2 }
```

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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