

Converting Colors

Hex(00C1B4)

Have a look what the booklet for
Hex(00C1B4) contains.

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Color

Hex(00C1B4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00C1B4 |
| RGB | 0, 193, 180 |
| RGB Percent | 0%, 76%, 71% |
| CMY | 1.0000, 0.2431, 0.2941 |
| CMYK | 1.00, 0.00, 0.07, 0.24 |
| HSL | 176°, 100%, 38% |
| HSV | 176°, 100%, 76% |
| XYZ | 27.3082, 41.4352, 49.7385 |
| YIQ | 133.8110, -110.8550, -44.9590 |

Conversions

Conversions Part 2

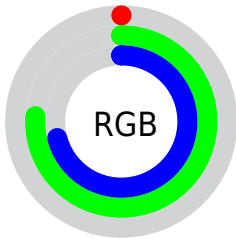
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 100, 193 |
| Decimal | 49588 |
| CIELab | 70.48, -42.83, -4.93 |
| CIELCh | 70, 43.110, 186.564 |
| Yxy | 41.4352, 0.2305, 0.3497 |
| Android (android.graphics.Color) | 4278239668 (0xFF00C1B4) |
| YUV | 133.8110, 22.7712, -117.3522 |
| Hunter-Lab | 64.3702, -36.9216, -0.7539 |

Details

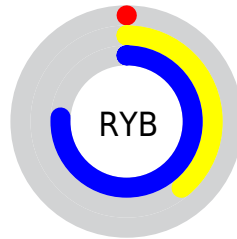
The Hex color **00C1B4** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C1000D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **66FAEC**, and **008A7F** is the 20% darker color. If you saturate the color by 10%, you get **00C1B4**, and if you desaturate by 10%, it is **13C1B5**.

Distribution



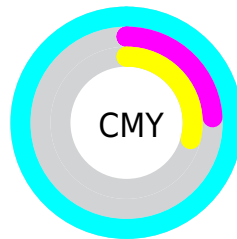
- Red (0%)
- Green (76%)
- Blue (71%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C1B4 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 00C1B4 by changing the saturation by 10% instead.

 00C1B4

 00C1B4

FFFFFF

 00A599

 66FAEC

 008A7F

 86FFFF

 007066

 A5FFFF

 00574E

 C4FFFF

 003F38

 E3FFFF

 002922

 00040D

 000000

 00C1B4

 13C1B5

 27C1B7

 3AC1B8

 4DC1B9

 61C1BA

 74C1BC

 87C1BD

 9AC1BE

 AEC1C0

Harmonies

Analogous

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



61BE8C



00C1B4



00BFDA

Triad

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



00C1B4



BC9FEB



DF9F65

Complementary

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



00C1B4



C1000D

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.



F49380



00C1B4



E492CC

Square

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



00C1B4



7FADFA



F78DA5



BDAD5D

Rectangle

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



00C1B4



00BBED



F78DA5



E79B6C

Sweetspot

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



00C1B4



AFFAF5



10C100



507D7A



FCFCFC



7D7D7D

Same Dimension

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



00C1B4



00FAE9



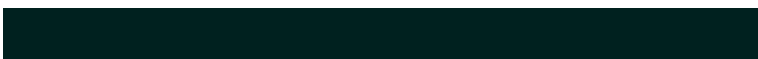
0071C1



576160



00A196



00211F

Inverse Universe

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



C1000D



FA0011



C15000



615758



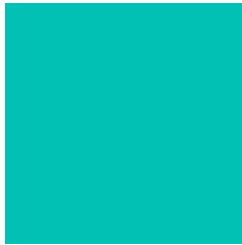
A1000B



210002

Previews

White Background



This preview shows how the Hex color 00C1B4 looks on a white background.

Color Contrast Check

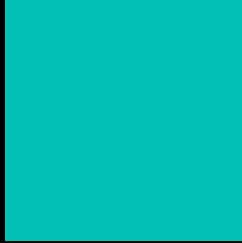
Large Text (above 18pt) WCAG AA × Fail

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 00C1B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

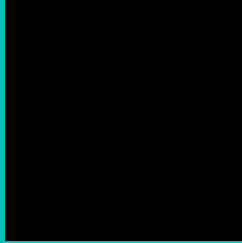
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

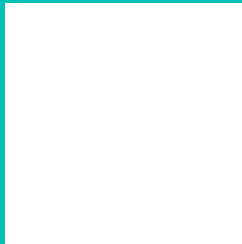
Any Text WCAG AAA ✓ Pass

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

Hex 00C1B4 Background



This preview shows how black text looks on a background with the Hex color 00C1B4.

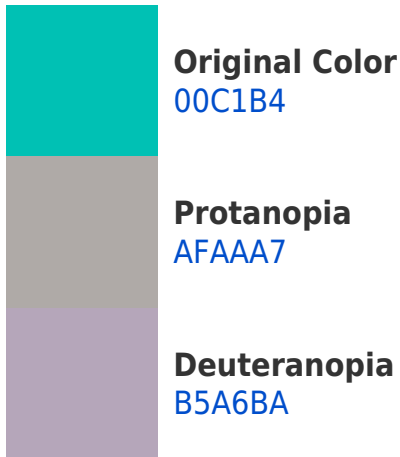


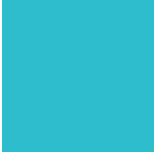
This preview shows how white text looks on a background with the Hex color 00C1B4.

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
00C1B4



Protanomaly
6FB2AC



Deuteranomaly
73B0B8



Tritanomaly
1DBEC4

Monochromacy



Original Color
00C1B4



Achromatopsia
868686



Achromatomaly
559B97

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C1B4 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 #00C1B4 looks like.

```
.text, #text, p{  
    color:#00C1B4  
}
```

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 #00C1B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C1B4
}
```

Border

The CSS property to change the border of an element to Hex 00C1B4 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
#00C1B4 }
```

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

```
.border{ border-color:#00C1B4 }
```

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

Here you see how a box with a 4 pixel #00C1B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C1B4; -webkit-box-shadow:4px 4px  
4px 4px #00C1B4; box-shadow:4px 4px 4px  
4px #00C1B4 }
```

Background

The CSS property to change the background color of an element to Hex 00C1B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C1B4 }
```

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

```
.background{ background-color:#00C1B4 }
```

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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