

Converting Colors

Hex(00C8B7)

Have a look what the booklet for
Hex(00C8B7) contains.

Hex(00C8B7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00C8B7)

Conversions

Conversions Part 1

Format	Color
Hex	00C8B7
RGB	0, 200, 183
RGB Percent	0%, 78%, 72%
CMY	1.0000, 0.2157, 0.2824
CMYK	1.00, 0.00, 0.08, 0.22
HSL	175°, 100%, 39%
HSV	175°, 100%, 78%
XYZ	29.2015, 44.7275, 51.8939
YIQ	138.2620, -113.7430, -47.6870

Conversions

Conversions Part 2

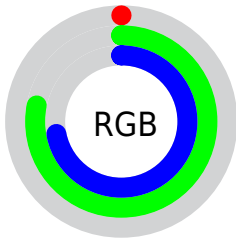
Format	Color
RYB	0, 104, 200
Decimal	51383
CIELab	72.71, -44.99, -3.27
CIELCh	73, 45.114, 184.160
Yxy	44.7275, 0.2321, 0.3555
Android (android.graphics.Color)	4278241463 (0xFF00C8B7)
YUV	138.2620, 22.0558, -121.2558
Hunter-Lab	66.8786, -39.0982, 0.8094

Details

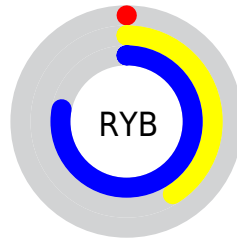
The Hex color **00C8B7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C80011**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **67FFEF**, and **009182** is the 20% darker color. If you saturate the color by 10%, you get **00C8B7**, and if you desaturate by 10%, it is **14C8B9**.

Distribution



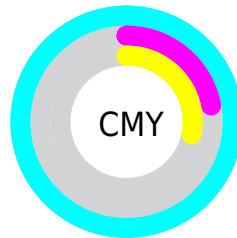
- Red (0%)
- Green (78%)
- Blue (72%)



- Red (0%)
- Yellow (41%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C8B7 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 00C8B7 by changing the saturation by 10% instead.

 00C8B7

 00C8B7

FFFFFF

 00AC9C

 67FFEF

 009182

 88FFFF

 007769

 A8FFFF

 005D51

 C7FFFF

 00443A

 E6FFFF

 002E25

 001210

 000000

 00C8B7

 14C8B9

 28C8BA

 3CC8BC

 50C8BE

 64C8C0

 78C8C1

 8CC8C3

 A0C8C5

 B4C8C6

Harmonies

Analogous

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



67C58D



00C8B7



00C7DF

Triad

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



00C8B7



BEA5F7



E9A369

Complementary

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



00C8B7



C80011

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.



FE9686



00C8B7



EB97D7

Square

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



00C8B7



7BB5FF



FF91AE



C7B25E

Rectangle

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



00C8B7



00C3F4



FF91AE



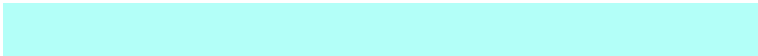
F29F71

Sweetspot

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



00C8B7



B3FFF8



14C800



52807C



000000



808080

Same Dimension

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



00C8B7



00FFE9



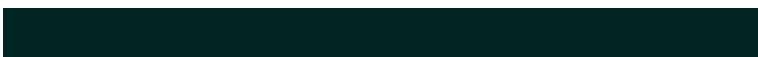
0078C8



5A6363



00A395



002421

Inverse Universe

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



C80011



FF0016



C85000



635A5A



A3000E



240003

Previews

White Background



This preview shows how the Hex color 00C8B7 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 00C8B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

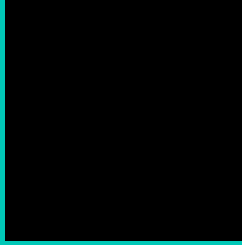
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

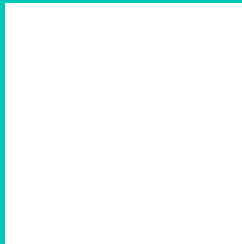
Any Text WCAG AAA ✓ Pass

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

Hex 00C8B7 Background



This preview shows how black text looks on a background with the Hex color 00C8B7.

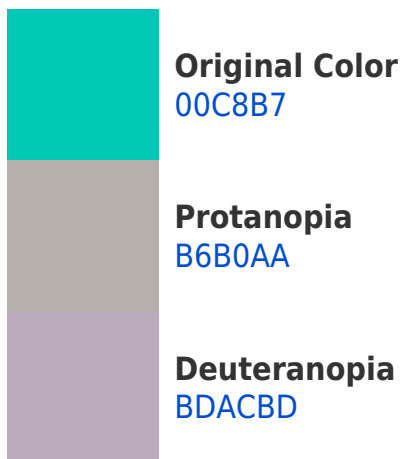


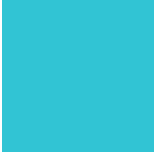
This preview shows how white text looks on a background with the Hex color 00C8B7.

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
31C4D4

Trichromacy



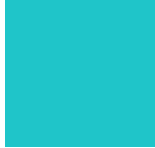
Original Color
00C8B7



Protanomaly
74B9AF



Deuteranomaly
78B6BB



Tritanomaly
1FC5C9

Monochromacy



Original Color
00C8B7



Achromatopsia
8A8A8A



Achromatomaly
58A19A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C8B7 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 #00C8B7 looks like.

```
.text, #text, p{  
    color:#00C8B7  
}
```

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 #00C8B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C8B7
}
```

Border

The CSS property to change the border of an element to Hex 00C8B7 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
#00C8B7 }
```

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

```
.border{ border-color:#00C8B7 }
```

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

Here you see how a box with a 4 pixel #00C8B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C8B7; -webkit-box-shadow:4px 4px  
4px 4px #00C8B7; box-shadow:4px 4px 4px  
4px #00C8B7 }
```

Background

The CSS property to change the background color of an element to Hex 00C8B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C8B7 }
```

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

```
.background{ background-color:#00C8B7 }
```

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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