

Converting Colors

Hex(00CBB7)

Have a look what the booklet for
Hex(00CBB7) contains.

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Color

Hex(00CBB7)

Conversions

Conversions Part 1

Format	Color
Hex	00CBB7
RGB	0, 203, 183
RGB Percent	0%, 80%, 72%
CMY	1.0000, 0.2039, 0.2824
CMYK	1.00, 0.00, 0.10, 0.20
HSL	174°, 100%, 40%
HSV	174°, 100%, 80%
XYZ	29.9032, 46.1308, 52.1278
YIQ	140.0230, -114.5680, -49.2560

Conversions

Conversions Part 2

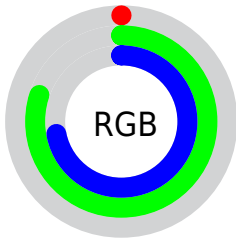
Format	Color
RYB	0, 107, 203
Decimal	52151
CIELab	73.63, -46.27, -1.92
CIELCh	74, 46.312, 182.381
Yxy	46.1308, 0.2333, 0.3599
Android (android.graphics.Color)	4278242231 (0xFF00CBB7)
YUV	140.0230, 21.1877, -122.8002
Hunter-Lab	67.9196, -40.2706, 2.0391

Details

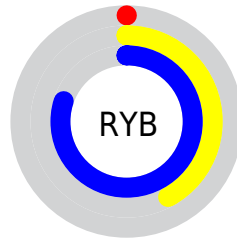
The Hex color **00CBB7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **CB0014**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **68FFEF**, and **009482** is the 20% darker color. If you saturate the color by 10%, you get **00CBB7**, and if you desaturate by 10%, it is **14CBB9**.

Distribution



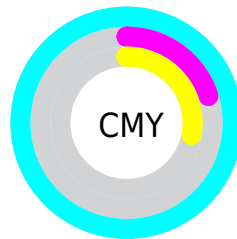
- Red (0%)
- Green (80%)
- Blue (72%)



- Red (0%)
- Yellow (42%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CBB7 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 00CBB7 by changing the saturation by 10% instead.

 00CBB7

 00CBB7

FFFFFF

 00AF9C

 68FEEF

 009482

 89FFFF

 007969

 A8FFFF

 006051

 C8FFFF

 00473A

 E7FFFF

 003025

 001610

 000000

 00CBB7

 14CBB9

 29CBBB

 3DCBBD

 51CBBF

 66CBC1

 7ACBC3

 8ECBC5

 A2CBC7

 B7CBC9

Harmonies

Analogous

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



6AC88C



00CBB7



00CAE1

Triad

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



00CBB7



BDA9FD



EFA56A

Complementary

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



00CBB7



CB0014

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.



FF978A



00CBB7



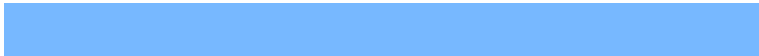
ED9ADD

Square

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



00CBB7



77B8FF



FF92B3



CCB45E

Rectangle

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



00CBB7



00C6F7



FF92B3



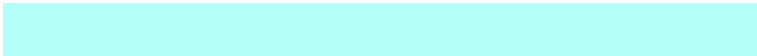
F8A073

Sweetspot

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



00CBB7



B3FFF7



14CB00



52807B



000000



808080

Same Dimension

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



00CBB7



00FFE6



007ACB



5C6665



00A695



002622

Inverse Universe

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



CB0014



FF0019



CB5100



665C5D



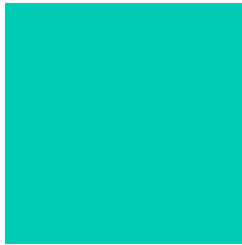
A60010



260004

Previews

White Background



This preview shows how the Hex color 00CBB7 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 00CBB7 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

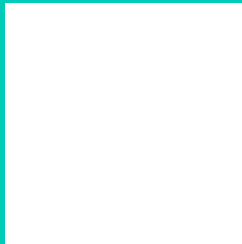
Any Text WCAG AAA ✓ Pass

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

Hex 00CBB7 Background



This preview shows how black text looks on a background with the Hex color 00CBB7.

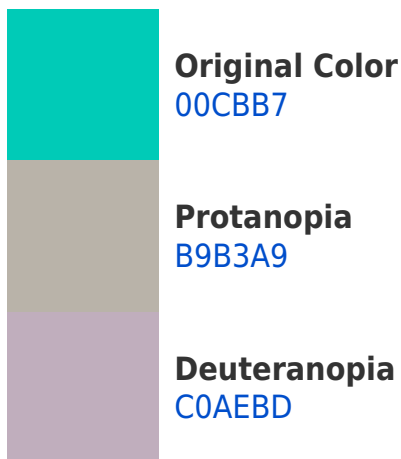


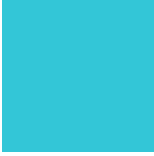
This preview shows how white text looks on a background with the Hex color 00CBB7.

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
33C6D7

Trichromacy



Original Color
00CBB7



Protanomaly
76BCAE



Deuteranomaly
7AB9BB



Tritanomaly
20C8CB

Monochromacy



Original Color
00CBB7



Achromatopsia
8C8C8C



Achromatomaly
59A39C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CBB7 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 #00CBB7 looks like.

```
.text, #text, p{  
    color:#00CBB7  
}
```

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 #00CBB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CBB7
}
```

Border

The CSS property to change the border of an element to Hex 00CBB7 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
#00CBB7 }
```

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

```
.border{ border-color:#00CBB7 }
```

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

Here you see how a box with a 4 pixel #00CBB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CBB7; -webkit-box-shadow:4px 4px  
4px 4px #00CBB7; box-shadow:4px 4px 4px  
4px #00CBB7 }
```

Background

The CSS property to change the background color of an element to Hex 00CBB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CBB7 }
```

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

```
.background{ background-color:#00CBB7 }
```

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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