

Converting Colors

Hex(00B8BB)

Have a look what the booklet for
Hex(00B8BB) contains.

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Color

Hex(00B8BB)

Conversions

Conversions Part 1

Format	Color
Hex	00B8BB
RGB	0, 184, 187
RGB Percent	0%, 72%, 73%
CMY	1.0000, 0.2784, 0.2667
CMYK	1.00, 0.02, 0.00, 0.27
HSL	181°, 100%, 37%
HSV	181°, 100%, 73%
XYZ	26.1101, 37.8688, 52.9470
YIQ	129.3260, -110.6270, -38.0750

Conversions

Conversions Part 2

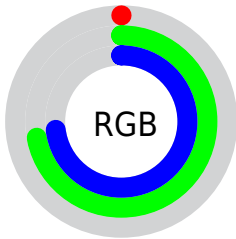
Format	Color
RYB	0, 93, 187
Decimal	47291
CIELab	67.92, -36.71, -12.58
CIELCh	68, 38.803, 198.914
Yxy	37.8688, 0.2233, 0.3239
Android (android.graphics.Color)	4278237371 (0xFF00B8BB)
YUV	129.3260, 28.4333, -113.4189
Hunter-Lab	61.5377, -31.9542, -7.9367

Details

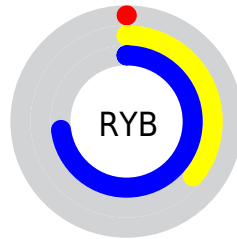
The Hex color **00B8BB** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BB0300**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **65F1F3**, and **008286** is the 20% darker color. If you saturate the color by 10%, you get **00B8BB**, and if you desaturate by 10%, it is **13B8BB**.

Distribution



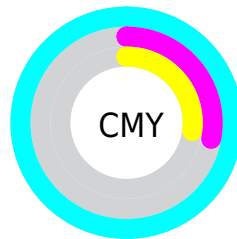
- Red (0%)
- Green (72%)
- Blue (73%)



- Red (0%)
- Yellow (36%)
- Blue (73%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B8BB 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 00B8BB by changing the saturation by 10% instead.

 00B8BB

 00B8BB

FFFFFF

 009DA0


 65F1F3

 008286

 85FFFF

 00686D

 A4FFFF

 005054

 C3FFFF

 00383D

 E2FFFF

 002427

 000113

 000000

 00B8BB

 13B8BB

 25B9BB

 38B9BB

 4BB9BB

 5EBABB

 70BABB

 83BABB

 96BABB

 A8BBBB

Harmonies

Analogous

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



4FB797



00B8BB



00B5D9

Triad

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



00B8BB



C594D4



C89F61

Complementary

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



00B8BB



BB0300

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.



E09372



00B8BB



E18BB4

Square

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



00B8BB



96A1E8



EA8B91



A6AA62

Rectangle

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



00B8BB



41B0E6



EA8B91



D19B65

Sweetspot

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



00B8BB



AAF1F2



00BB00



4E7A7A



FAFAFA



7A7A7A

Same Dimension

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



00B8BB



00EEF2



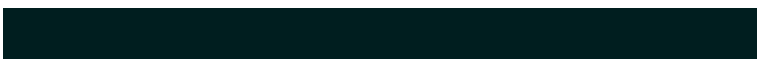
005EBB



555E5E



009C9E



001E1F

Inverse Universe

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



BB00B8



F200EE



BB5E00



5E555E



9E009C



1F001E

Previews

White Background



This preview shows how the Hex color 00B8BB looks on a white background.

Color Contrast Check

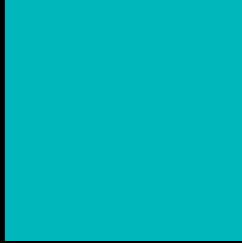
Large Text (above 18pt) WCAG AA × Fail

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 00B8BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

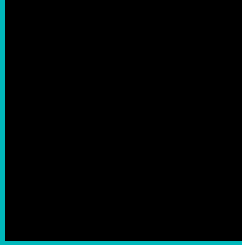
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

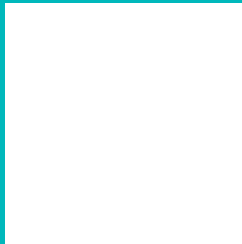
Any Text WCAG AAA ✓ Pass

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

Hex 00B8BB Background



This preview shows how black text looks on a background with the Hex color 00B8BB.

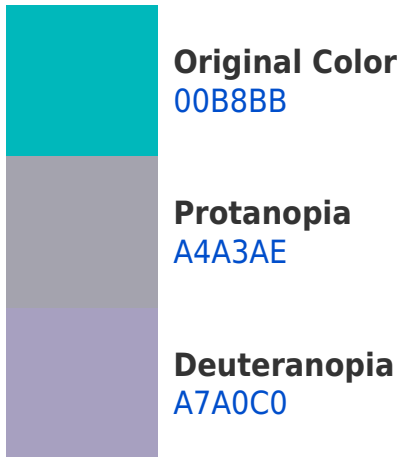


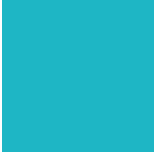
This preview shows how white text looks on a background with the Hex color 00B8BB.

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



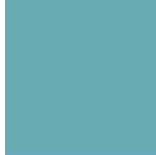


Tritanopia
1EB6C5

Trichromacy



Original Color
00B8BB



Protanomaly
68ABB3



Deuteranomaly
6AA9BE



Tritanomaly
13B7C1

Monochromacy



Original Color
00B8BB



Achromatopsia
818181



Achromatomaly
529596

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B8BB 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 #00B8BB looks like.

```
.text, #text, p{  
    color:#00B8BB  
}
```

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 #00B8BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B8BB
}
```

Border

The CSS property to change the border of an element to Hex 00B8BB 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
#00B8BB }
```

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

```
.border{ border-color:#00B8BB }
```

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

Here you see how a box with a 4 pixel #00B8BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B8BB; -webkit-box-shadow:4px 4px  
4px 4px #00B8BB; box-shadow:4px 4px 4px  
4px #00B8BB }
```

Background

The CSS property to change the background color of an element to Hex 00B8BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B8BB }
```

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

```
.background{ background-color:#00B8BB }
```

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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