

Converting Colors

Hex(00B6BB)

Have a look what the booklet for
Hex(00B6BB) contains.

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Color

Hex(00B6BB)

Conversions

Conversions Part 1

Format	Color
Hex	00B6BB
RGB	0, 182, 187
RGB Percent	0%, 71%, 73%
CMY	1.0000, 0.2863, 0.2667
CMYK	1.00, 0.03, 0.00, 0.27
HSL	182°, 100%, 37%
HSV	182°, 100%, 73%
XYZ	25.6976, 37.0438, 52.8095
YIQ	128.1520, -110.0770, -37.0290

Conversions

Conversions Part 2

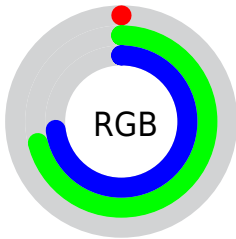
Format	Color
RYB	0, 92, 187
Decimal	46779
CIELab	67.31, -35.78, -13.50
CIElCh	67, 38.244, 200.671
Yxy	37.0438, 0.2224, 0.3206
Android (android.graphics.Color)	4278236859 (0xFF00B6BB)
YUV	128.1520, 29.0121, -112.3893
Hunter-Lab	60.8636, -31.1457, -8.8396

Details

The Hex color **00B6BB** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BB0500**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **65EEF3**, and **008086** is the 20% darker color. If you saturate the color by 10%, you get **00B6BB**, and if you desaturate by 10%, it is **13B7BB**.

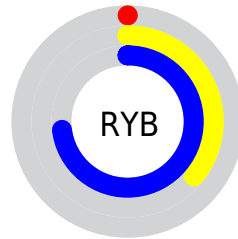
Distribution



Red (0%)

Green (71%)

Blue (73%)



Red (0%)

Yellow (36%)

Blue (73%)

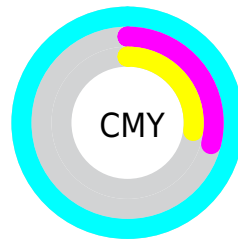


Cyan (100%)

Magenta (3%)

Yellow (0%)

Black (27%)



Cyan (100%)

Magenta (29%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B6BB 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 00B6BB by changing the saturation by 10% instead.

 00B6BB

 00B6BB

FFFFFF

 009BA0

 65EEF3

 008086

 85FFFF

 00676D

 A4FFFF

 004E54

 C3FFFF

 00363D

 E1FFFF

 002227

 000113

 000000

 00B6BB

 13B7BB

 25B7BB

 38B8BB

 4BB8BB

 5EB9BB

 70B9BB

 83BABB

 96BABB

 A8BBBB

Harmonies

Analogous

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



4CB698



00B6BB



0AB2D8

Triad

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



00B6BB



C592D0



C49E60

Complementary

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



00B6BB



BB0500

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.



DC9270



00B6BB



E08AB0

Square

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



00B6BB



989FE4



E78A8D



A2A962

Rectangle

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



00B6BB



46AEE4



E78A8D



CD9A63

Sweetspot

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



00B6BB



AAF0F2



00BB03



4E797A



FAFAFA



7A7A7A

Same Dimension

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



00B6BB



00ECF2



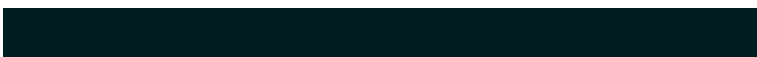
005ABB



555E5E



009A9E



001E1F

Inverse Universe

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



BB00B6



F200EC



BB6100



5E555E



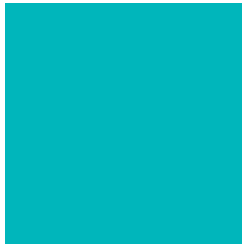
9E009A



1F001E

Previews

White Background



This preview shows how the Hex color 00B6BB looks on a white background.

Color Contrast Check

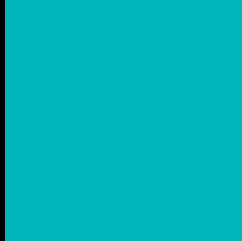
Large Text (above 18pt) WCAG AA × Fail

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 00B6BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

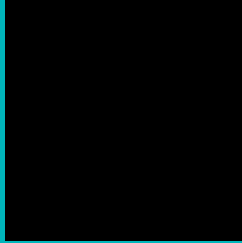
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

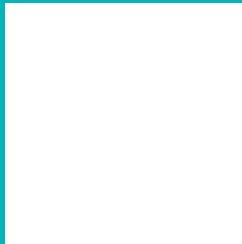
Any Text WCAG AAA ✓ Pass

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

Hex 00B6BB Background



This preview shows how black text looks on a background with the Hex color 00B6BB.

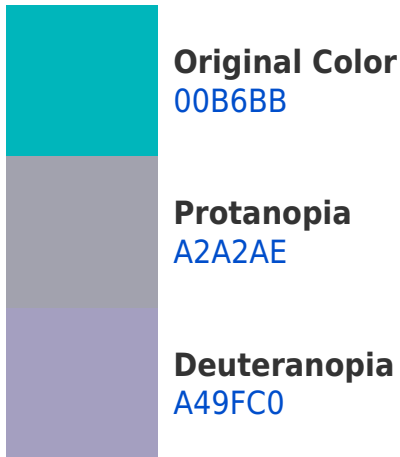


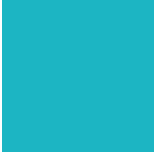
This preview shows how white text looks on a background with the Hex color 00B6BB.

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
1CB5C3

Trichromacy



Original Color
00B6BB



Protanomaly
67A9B3



Deuteranomaly
68A7BE



Tritanomaly
12B5C0

Monochromacy



Original Color
00B6BB



Achromatopsia
808080



Achromatomaly
519495

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B6BB 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 #00B6BB looks like.

```
.text, #text, p{  
    color:#00B6BB  
}
```

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 #00B6BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B6BB
}
```

Border

The CSS property to change the border of an element to Hex 00B6BB 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
#00B6BB }
```

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

```
.border{ border-color:#00B6BB }
```

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

Here you see how a box with a 4 pixel #00B6BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B6BB; -webkit-box-shadow:4px 4px  
4px 4px #00B6BB; box-shadow:4px 4px 4px  
4px #00B6BB }
```

Background

The CSS property to change the background color of an element to Hex 00B6BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B6BB }
```

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

```
.background{ background-color:#00B6BB }
```

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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