

Converting Colors

Hex(01B0BB)

Have a look what the booklet for
Hex(01B0BB) contains.

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Color

Hex(01B0BB)

Conversions

Conversions Part 1

Format	Color
Hex	01B0BB
RGB	1, 176, 187
RGB Percent	0%, 69%, 73%
CMY	0.9961, 0.3098, 0.2667
CMYK	0.99, 0.06, 0.00, 0.27
HSL	184°, 99%, 37%
HSV	184°, 99%, 73%
XYZ	24.5075, 34.6450, 52.4092
YIQ	124.9290, -107.8310, -33.6790

Conversions

Conversions Part 2

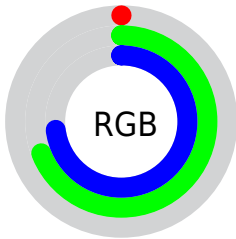
Format	Color
RYB	1, 91, 187
Decimal	110779
CIELab	65.47, -32.93, -16.27
CIELCh	65, 36.729, 206.297
Yxy	34.6450, 0.2197, 0.3105
Android (android.graphics.Color)	4278300859 (0xFF01B0BB)
YUV	124.9290, 30.6010, -108.6857
Hunter-Lab	58.8600, -28.6830, -11.5901

Details

The Hex color **01B0BB** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **BB0C01**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **64E8F3**, and **007B86** is the 20% darker color. If you saturate the color by 10%, you get **00B0BB**, and if you desaturate by 10%, it is **14B1BB**.

Distribution



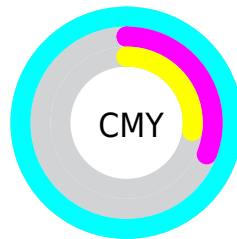
- Red (0%)
- Green (69%)
- Blue (73%)



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



- Cyan (99%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01B0BB 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 01B0BB by changing the saturation by 10% instead.

 01B0BB

 01B0BB

FFFFFF

 0095A0

 64E8F3

 007B86

 84FFFF

 00616D

 A3FFFF

 004954

 C1FFFF

 00323D

 E0FFFF

 001D27

 000112

 000000

 01B0BB

 01B0BB

■ 00B0BB

■ 14B1BB

■ 26B2BB

■ 39B3BB

■ 4CB4BB

■ 5FB6BB

■ 71B7BB

■ 84B8BB

■ 97B9BB

■ A9BABB

Harmonies

Analogous

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



43B09A



01B0BB



27ACD5

Triad

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



01B0BB



C58CC4



B89C5D

Complementary

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



01B0BB



BB0C01

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.



D29069



01B0BB



DB86A4

Square

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



01B0BB



9D98DA



DE8784



97A663

Rectangle

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



01B0BB



53A7DE



DE8784



C2985F

Sweetspot

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



01B0BB



AAEEF2



01BB0A



4E787A



FAFAFA



7A7A7A

Same Dimension

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



01B0BB



00E4F2



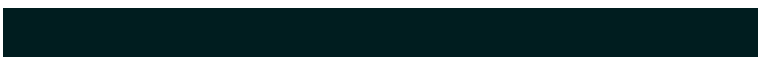
0155BB



555E5E



00959E



001D1F

Inverse Universe

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



BB01B0



F200E4



BB6701



5E555E



9E0095



1F001D

Previews

White Background



This preview shows how the Hex color 01B0BB 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 01B0BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

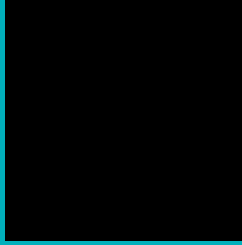
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

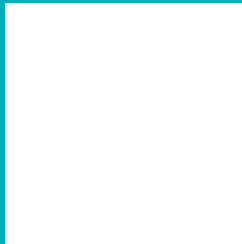
Any Text WCAG AAA ✓ Pass

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

Hex 01B0BB Background



This preview shows how black text looks on a background with the Hex color 01B0BB.



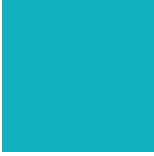
This preview shows how white text looks on a background with the Hex color 01B0BB.

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

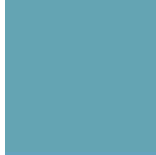




Trichromacy



Original Color
01B0BB



Protanomaly
64A4B3



Deuteranomaly
64A3BE



Tritanomaly
0BB0BD

Monochromacy



Original Color
01B0BB



Achromatopsia
7D7D7D



Achromatomaly
509094

CSS Examples

Text

The CSS property to change the color of the text to Hex 01B0BB 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 #01B0BB looks like.

```
.text, #text, p{  
    color:#01B0BB  
}
```

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 #01B0BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01B0BB
}
```

Border

The CSS property to change the border of an element to Hex 01B0BB 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
#01B0BB }
```

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

```
.border{ border-color:#01B0BB }
```

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

Here you see how a box with a 4 pixel #01B0BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01B0BB; -webkit-box-shadow:4px 4px  
4px 4px #01B0BB; box-shadow:4px 4px 4px  
4px #01B0BB }
```

Background

The CSS property to change the background color of an element to Hex 01B0BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01B0BB }
```

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

```
.background{ background-color:#01B0BB }
```

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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