

Converting Colors

Hex(01B0BA)

Have a look what the booklet for
Hex(01B0BA) contains.

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Color

Hex(01B0BA)

Conversions

Conversions Part 1

Format	Color
Hex	01B0BA
RGB	1, 176, 186
RGB Percent	0%, 69%, 73%
CMY	0.9961, 0.3098, 0.2706
CMYK	0.99, 0.05, 0.00, 0.27
HSL	183°, 99%, 37%
HSV	183°, 99%, 73%
XYZ	24.4008, 34.6023, 51.8472
YIQ	124.8150, -107.5100, -33.9900

Conversions

Conversions Part 2

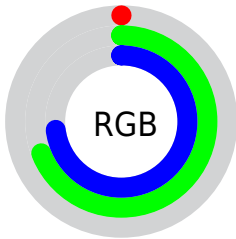
Format	Color
RYB	1, 91, 186
Decimal	110778
CIELab	65.44, -33.25, -15.77
CIELCh	65, 36.796, 205.373
Yxy	34.6023, 0.2201, 0.3122
Android (android.graphics.Color)	4278300858 (0xFF01B0BA)
YUV	124.8150, 30.1642, -108.5858
Hunter-Lab	58.8237, -28.8976, -11.0816

Details

The Hex color **01B0BA** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **BA0B01**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **64E8F2**, and **007B85** is the 20% darker color. If you saturate the color by 10%, you get **00B0BA**, and if you desaturate by 10%, it is **14B1BA**.

Distribution



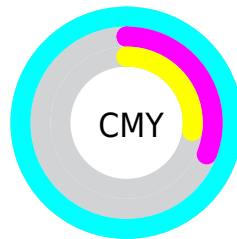
- Red (0%)
- Green (69%)
- Blue (73%)



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



- Cyan (99%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 01B0BA 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 01B0BA by changing the saturation by 10% instead.

 01B0BA

 01B0BA

FFFFFF

 00959F

 64E8F2

 007B85

 84FFFF

 00616C

 A3FFFF

 004953

 C1FFFF

 00323C

 E0FFFF

 001D27

 000112

 000000

 01B0BA

 01B0BA

■ 00B0BA

■ 14B1BA

■ 26B2BA

■ 39B3BA

■ 4BB4BA

■ 5EB5BA

■ 71B6BA

■ 83B7BA

■ 96B8BA

■ A8B9BA

Harmonies

Analogous

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



44B098



01B0BA



23ACD4

Triad

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



01B0BA



C48DC5



B99B5D

Complementary

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



01B0BA



BA0B01

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.



D2906A



01B0BA



DA85A5

Square

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



01B0BA



9B98DA



DF8784



98A562

Rectangle

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



01B0BA



51A7DE



DF8784



C3975F

Sweetspot

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



01B0BA



AAEEF2



01BA0A



4E787A



FAFAFA



7A7A7A

Same Dimension

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



01B0BA



00E5F2



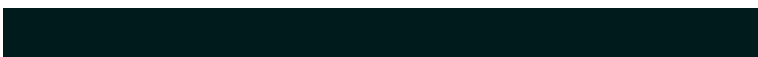
0154BA



535B5C



00939C



001B1C

Inverse Universe

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



BA01B0



F200E5



BA6701



5C535B



9C0093



1C001B

Previews

White Background



This preview shows how the Hex color 01B0BA looks on a white background.

Color Contrast Check

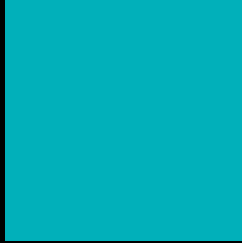
Large Text (above 18pt) WCAG AA × Fail

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 01B0BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

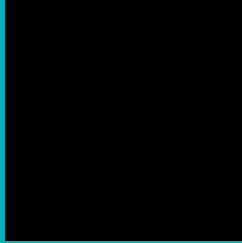
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

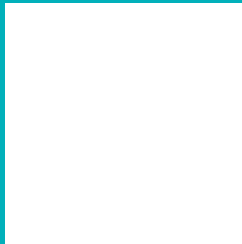
Any Text WCAG AAA ✓ Pass

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

Hex 01B0BA Background



This preview shows how black text looks on a background with the Hex color 01B0BA.

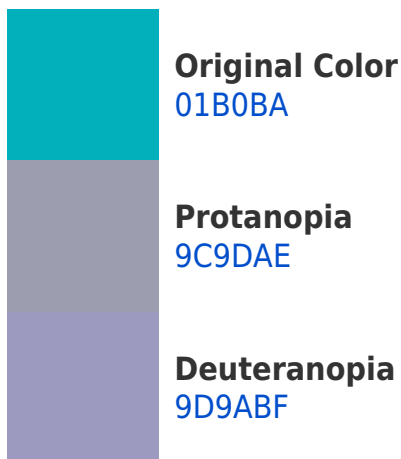


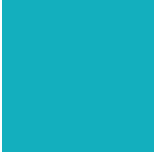
This preview shows how white text looks on a background with the Hex color 01B0BA.

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



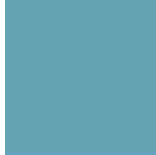


Tritanopia
13AFBE

Trichromacy



Original Color
01B0BA



Protanomaly
64A4B2



Deuteranomaly
64A2BD



Tritanomaly
0CAFBD

Monochromacy



Original Color
01B0BA



Achromatopsia
7D7D7D



Achromatomaly
509093

CSS Examples

Text

The CSS property to change the color of the text to Hex 01B0BA 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 #01B0BA looks like.

```
.text, #text, p{  
    color:#01B0BA  
}
```

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 #01B0BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01B0BA
}
```

Border

The CSS property to change the border of an element to Hex 01B0BA 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
#01B0BA }
```

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

```
.border{ border-color:#01B0BA }
```

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

Here you see how a box with a 4 pixel #01B0BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01B0BA; -webkit-box-shadow:4px 4px  
4px 4px #01B0BA; box-shadow:4px 4px 4px  
4px #01B0BA }
```

Background

The CSS property to change the background color of an element to Hex 01B0BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01B0BA }
```

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

```
.background{ background-color:#01B0BA }
```

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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