

Converting Colors

Hex(0BB0BD)

Have a look what the booklet for
Hex(0BB0BD) contains.

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Color

Hex(0BB0BD)

Conversions

Conversions Part 1

Format	Color
Hex	0BB0BD
RGB	11, 176, 189
RGB Percent	4%, 69%, 74%
CMY	0.9569, 0.3098, 0.2588
CMYK	0.94, 0.07, 0.00, 0.26
HSL	184°, 89%, 39%
HSV	184°, 94%, 74%
XYZ	24.8487, 34.7959, 53.5507
YIQ	128.1470, -102.5130, -30.9370

Conversions

Conversions Part 2

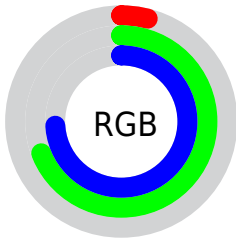
Format	Color
RYB	11, 97, 189
Decimal	766141
CIELab	65.59, -31.97, -17.20
CIELCh	66, 36.300, 208.280
Yxy	34.7959, 0.2195, 0.3074
Android (android.graphics.Color)	4278956221 (0xFF0BB0BD)
YUV	128.1470, 30.0005, -102.7379
Hunter-Lab	58.9881, -28.0363, -12.5332

Details

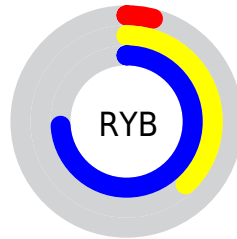
The Hex color **0BB0BD** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **BD180B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **66E8F5**, and **007B88** is the 20% darker color. If you saturate the color by 10%, you get **00AFBD**, and if you desaturate by 10%, it is **1EB1BD**.

Distribution



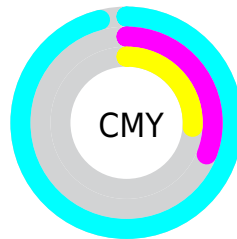
- Red (4%)
- Green (69%)
- Blue (74%)



- Red (4%)
- Yellow (38%)
- Blue (74%)



- Cyan (94%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (96%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BB0BD 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 0BB0BD by changing the saturation by 10% instead.

 0BB0BD

 0BB0BD

FFFFFF

 0095A2

 66E8F5

 007B88

 86FFFF

 00626E

 A5FFFF

 004956

 C3FFFF

 00323F

 E2FFFF

 001D29

 000114

 000000

 0BB0BD

 0BB0BD

■ 00AFBD

■ 1EB1BD

■ 31B3BD

■ 44B4BD

■ 57B6BD

■ 6AB7BD

■ 7CB8BD

■ 8FBABD

■ A2BBBD

■ B5BCBD

Harmonies

Analogous

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



41B19C



0BB0BD



30ACD6

Triad

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



0BB0BD



C78CC2



B69D5E

Complementary

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



0BB0BD



BD180B

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.



D09169



0BB0BD



DB86A2

Square

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



0BB0BD



A098D9



DE8882



95A765

Rectangle

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



0BB0BD



59A6DE



DE8882



C09960

Sweetspot

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



0BB0BD



B0F0F5



0BBD17



51777A



FAFAFA



7A7A7A

Same Dimension

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



0BB0BD



00E3F5



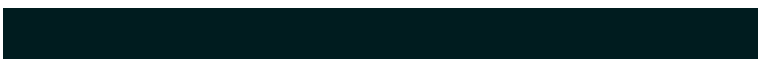
0B58BD



555E5E



00939E



001C1F

Inverse Universe

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



BD0BB0



F500E3



BD700B



5E555E



9E0093



1F001C

Previews

White Background



This preview shows how the Hex color 0BB0BD 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 0BB0BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

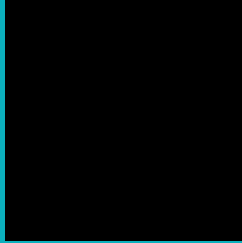
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

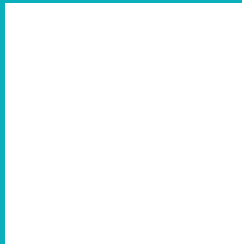
Any Text WCAG AAA ✓ Pass

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

Hex 0BB0BD Background



This preview shows how black text looks on a background with the Hex color 0BB0BD.



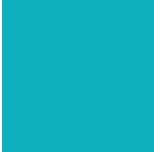
This preview shows how white text looks on a background with the Hex color 0BB0BD.

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
0BB0BD



Protanomaly
67A4B5



Deuteranomaly
67A3C0



Tritanomaly
0EB0BE

Monochromacy



Original Color
0BB0BD



Achromatopsia
808080



Achromatomaly
559196

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BB0BD 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 #0BB0BD looks like.

```
.text, #text, p{  
    color:#0BB0BD  
}
```

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 #0BB0BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BB0BD
}
```

Border

The CSS property to change the border of an element to Hex 0BB0BD 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
#0BB0BD }
```

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

```
.border{ border-color:#0BB0BD }
```

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

Here you see how a box with a 4 pixel #0BB0BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BB0BD; -webkit-box-shadow:4px 4px  
4px 4px #0BB0BD; box-shadow:4px 4px 4px  
4px #0BB0BD }
```

Background

The CSS property to change the background color of an element to Hex 0BB0BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BB0BD }
```

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

```
.background{ background-color:#0BB0BD }
```

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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