

# Converting Colors

Hex(08BDBA)

Have a look what the booklet for  
Hex(08BDBA) contains.

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# Color

**Hex(08BDBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08BDBA
RGB	8, 189, 186
RGB Percent	3%, 74%, 73%
CMY	0.9686, 0.2588, 0.2706
CMYK	0.96, 0.00, 0.02, 0.26
HSL	179°, 92%, 39%
HSV	179°, 96%, 74%
XYZ	27.1607, 39.9920, 52.7421
YIQ	134.5390, -106.9130, -39.3050

# Conversions

## Conversions Part 2

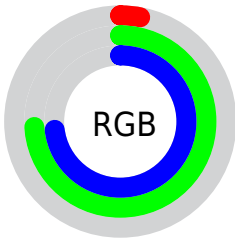
Format	Color
<a href="#">RYB</a>	8, 99, 189
Decimal	572858
CIELab	69.46, -39.04, -9.72
CIELCh	69, 40.236, 193.979
Yxy	39.9920, 0.2265, 0.3336
Android (android.graphics.Color)	4278762938 (0xFF08BDBA)
YUV	134.5390, 25.3703, -110.9747
Hunter-Lab	63.2392, -34.0045, -5.1809

# Details

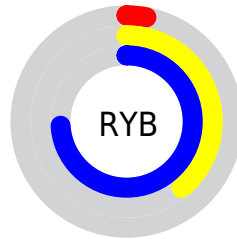
The Hex color **08BDBA** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BD080B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **67F6F2**, and **008785** is the 20% darker color. If you saturate the color by 10%, you get **00BDBA**, and if you desaturate by 10%, it is **1BBDBA**.

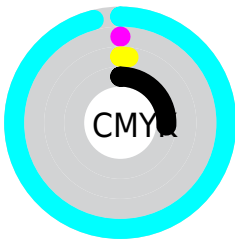
# Distribution



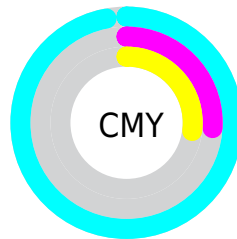
- Red (3%)
- Green (74%)
- Blue (73%)



- Red (3%)
- Yellow (39%)
- Blue (74%)



- Cyan (96%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (97%)
- Magenta (26%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08BDBA 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 08BDBA by changing the saturation by 10% instead.



 08BDBA

 08BDBA

FFFFFF

 00A29F

 67F6F2

 008785

 87FFFF

 006D6C

 A6FFFF

 005454

 C5FFFF

 003C3D

 E4FFFF

 002727

 000113

 000000

 08BDBA

 08BDBA

00BDBA

1BDBBA

2EBDBB

41BDBB

54BDBB

67BDBC

79BDBC

8CBDBC

9FBDBD

B2BDBD

# Harmonies

## Analogous

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



58BC94



08BDBA



00BADB

# Triad

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



08BDBA



C39ADE



D2A164

# Complementary

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



08BDBA



BD080B

# 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.



E99479



08BDBA



E48FBF

# Square

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



08BDBA



90A7F0



F08D9A



B0AD61

# Rectangle

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



08BDBA



2FB6EA



F08D9A



DB9C69



# Sweetspot

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



08BDBA



AEF5F4



0BBD08



507A7A



FAFAFA



7A7A7A



# Same Dimension

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



08BDBA



00F5F1



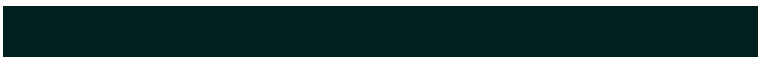
0866BD



555E5E



009E9B



001F1E



# Inverse Universe

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



BD080B



F50004



BD5F08



5E5555



9E0003

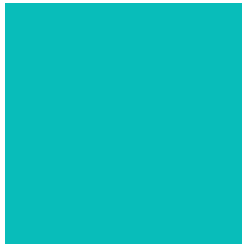


1F0001



# Previews

## White Background



This preview shows how the Hex color 08BDBA looks on a white background.

## Color Contrast Check

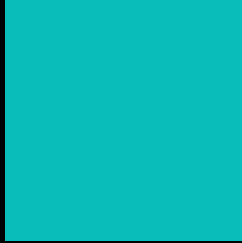
Large Text (above 18pt) WCAG AA × Fail

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 08BDBA 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

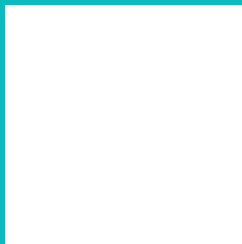
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 08BDDBA Background



This preview shows how black text looks on a background with the Hex color 08BDDBA.

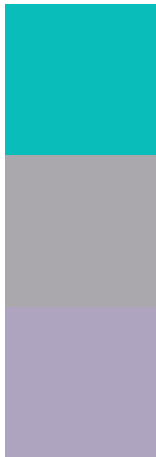


This preview shows how white text looks on a background with the Hex color 08BDDBA.

# 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](#).

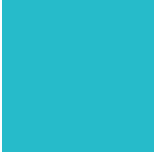
## Dichromacy



**Original Color**  
08BDBA

**Protanopia**  
AAA7AD

**Deuteranopia**  
AEA4BF



**Tritanopia**  
26BBCA

# Trichromacy



**Original Color**  
08BDBA



**Protanomaly**  
6FAFB2



**Deuteranomaly**  
72ADBD



**Tritanomaly**  
1BBCC4

# Monochromacy



**Original Color**  
08BDBA



**Achromatopsia**  
878787



**Achromatomaly**  
599B9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08BDBA 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 #08BDBA looks like.

```
.text, #text, p{  
    color:#08BDBA  
}
```

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 #08BDBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08BDBA
}
```

## Border

The CSS property to change the border of an element to Hex 08BDBA 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
#08BDBA }
```

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

```
.border{ border-color:#08BDBA }
```

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

Here you see how a box with a 4 pixel #08BDBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08BDBA; -webkit-box-shadow:4px 4px  
4px 4px #08BDBA; box-shadow:4px 4px 4px  
4px #08BDBA }
```

# Background

The CSS property to change the background color of an element to Hex 08BDBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08BDBA }
```

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

```
.background{ background-color:#08BDBA }
```

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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