

# Converting Colors

Hex(00B08A)

Have a look what the booklet for  
Hex(00B08A) contains.

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**Color**

**Hex(00B08A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B08A
RGB	0, 176, 138
RGB Percent	0%, 69%, 54%
CMY	1.0000, 0.3098, 0.4588
CMYK	1.00, 0.00, 0.22, 0.31
HSL	167°, 100%, 35%
HSV	167°, 100%, 69%
XYZ	20.1128, 32.8856, 29.3323
YIQ	119.0440, -92.6980, -49.1300

# Conversions

## Conversions Part 2

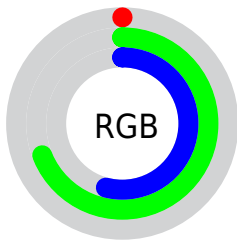
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 99, 176
Decimal	45194
CIELab	64.07, -47.17, 8.88
CIELCh	64, 47.997, 169.339
Yxy	32.8856, 0.2443, 0.3994
Android (android.graphics.Color)	4278235274 (0xFF00B08A)
YUV	119.0440, 9.3453, -104.4016
Hunter-Lab	57.3460, -37.7508, 9.8156

# Details

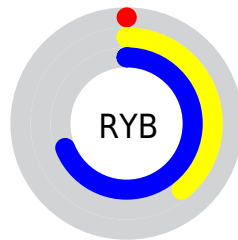
The Hex color **00B08A** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B00026**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **5EE9BF**, and **007A58** is the 20% darker color. If you saturate the color by 10%, you get **00B08A**, and if you desaturate by 10%, it is **12B08E**.

# Distribution



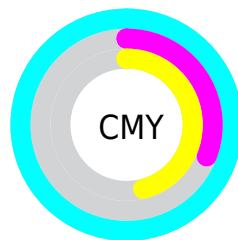
- Red (0%)
- Green (69%)
- Blue (54%)



- Red (0%)
- Yellow (39%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B08A 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 00B08A by changing the saturation by 10% instead.



 00B08A

 00B08A

FFFFFF

 009571

 5EE9BF

 007A58

 7EFFDB

 006041

 9CFFF8

 00482B

 BAF0FF

 003016

 D8FFFF

 001700

 F7FFFF

 000000

 00B08A

 12B08E

 23B092

 35B095

 46B099

 58B09D

 6AB0A1

 7BB0A5

 8DB0A8

 9EB0AC

# Harmonies

## Analogous

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



67AB61



00B08A



00B1B6

# Triad

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



00B08A



8596EC



DF845C

# Complementary

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



00B08A



B00026

# 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.



EC7881



00B08A



C185D3

# Square

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



00B08A



00A4EF



E379AC



C29445

# Rectangle

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



00B08A



00AFD0



E379AC



E57F67



# Sweetspot

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



00B08A



A1E6D7



26B000



49736A



F2F2F2



737373



# Same Dimension

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



00B08A



00E6B4



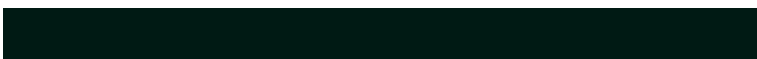
007EB0



505957



009978



001A14



# Inverse Universe

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



B00026



E60032



B03200



595052



990021

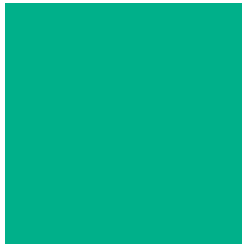


1A0006



# Previews

## White Background



This preview shows how the Hex color 00B08A looks on a white background.

## Color Contrast Check

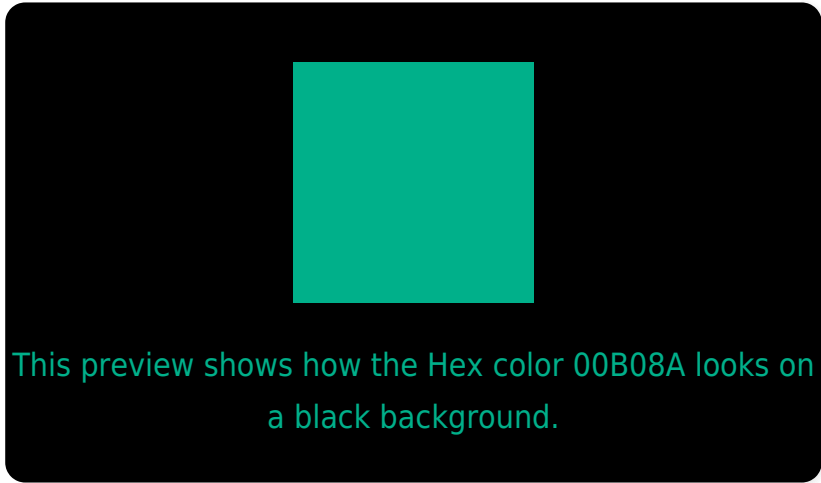
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 00B08A Background



This preview shows how black text looks on a background with the Hex color 00B08A.

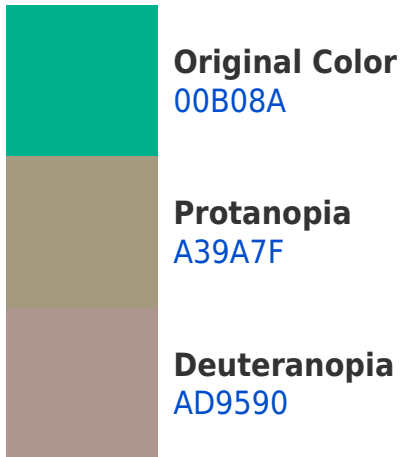


This preview shows how white text looks on a background with the Hex color 00B08A.

# 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**  
36AAB8

# Trichromacy



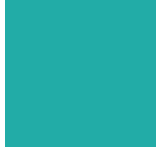
**Original Color**  
00B08A



**Protanomaly**  
68A283



**Deuteranomaly**  
6E9F8E



**Tritanomaly**  
22ACA7

# Monochromacy



**Original Color**  
00B08A



**Achromatopsia**  
777777



**Achromatomaly**  
4C8C7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B08A 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 #00B08A looks like.

```
.text, #text, p{  
    color:#00B08A  
}
```

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 #00B08A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B08A
}
```

## Border

The CSS property to change the border of an element to Hex 00B08A 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
#00B08A }
```

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

```
.border{ border-color:#00B08A }
```

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

Here you see how a box with a 4 pixel #00B08A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B08A; -webkit-box-shadow:4px 4px  
4px 4px #00B08A; box-shadow:4px 4px 4px  
4px #00B08A }
```

# Background

The CSS property to change the background color of an element to Hex 00B08A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B08A }
```

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

```
.background{ background-color:#00B08A }
```

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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