

Converting Colors

Hex(00B08E)

Have a look what the booklet for
Hex(00B08E) contains.

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Color

Hex(00B08E)

Conversions

Conversions Part 1

Format	Color
Hex	00B08E
RGB	0, 176, 142
RGB Percent	0%, 69%, 56%
CMY	1.0000, 0.3098, 0.4431
CMYK	1.00, 0.00, 0.19, 0.31
HSL	168°, 100%, 35%
HSV	168°, 100%, 69%
XYZ	20.4078, 33.0037, 30.8859
YIQ	119.5000, -93.9820, -47.8860

Conversions

Conversions Part 2

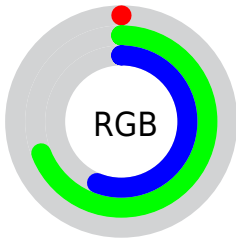
Format	Color
RYB	0, 97, 176
Decimal	45198
CIELab	64.16, -46.13, 6.80
CIELCh	64, 46.630, 171.611
Yxy	33.0037, 0.2421, 0.3915
Android (android.graphics.Color)	4278235278 (0xFF00B08E)
YUV	119.5000, 11.0925, -104.8015
Hunter-Lab	57.4488, -37.1260, 8.3384

Details

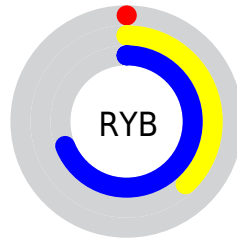
The Hex color **00B08E** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B00022**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **5FE9C4**, and **007A5C** is the 20% darker color. If you saturate the color by 10%, you get **00B08E**, and if you desaturate by 10%, it is **12B091**.

Distribution



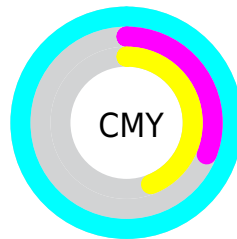
- Red (0%)
- Green (69%)
- Blue (56%)



- Red (0%)
- Yellow (38%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B08E 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 00B08E by changing the saturation by 10% instead.

 00B08E

 00B08E

FFFFFF

 009574

 5FE9C4

 007A5C

 7EFFE0

 006144

 9CFFFC

 00482E

 BAFFFF

 003019

 D9FFFF

 001700

 F7FFFF

 000000

 00B08E

 12B091

 23B095

 35B098

 46B09C

 58B09F

 6AB0A2

 7BB0A6

 8DB0A9

 9EB0AD

Harmonies

Analogous

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



65AB66



00B08E



00B1B9

Triad

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



00B08E



8C95E9



DC865C

Complementary

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



00B08E



B00022

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.



EA7A7F



00B08E



C485D0

Square

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



00B08E



2CA3ED



E37AA9



BE9547

Rectangle

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



00B08E



00AED2



E37AA9



E38166

Sweetspot

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



00B08E



A1E6D8



23B000



49736B



F2F2F2



737373

Same Dimension

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



00B08E



00E6B9



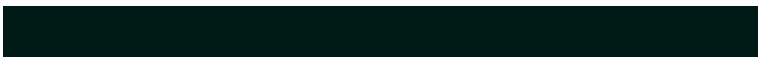
007BB0



505958



00997B



001A15

Inverse Universe

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



B00022



E6002C



B03500



595052



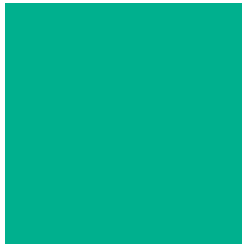
99001E



1A0005

Previews

White Background



This preview shows how the Hex color 00B08E looks on a white background.

Color Contrast Check

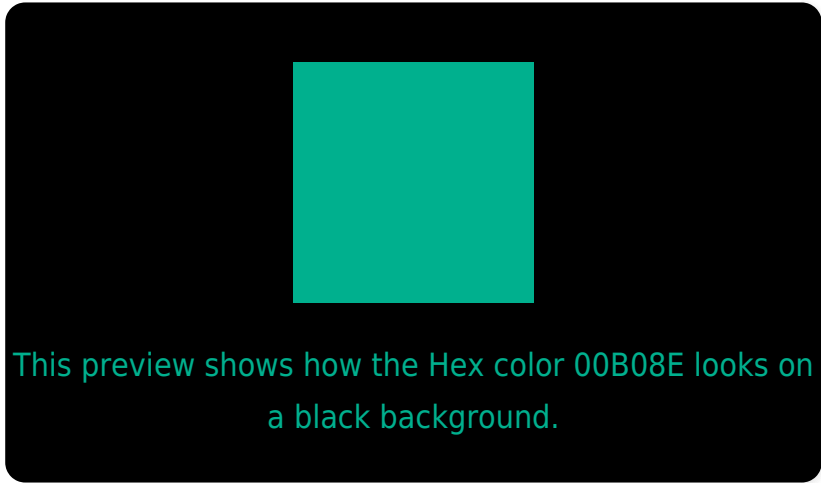
Large Text (above 18pt) WCAG AA × Fail

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 00B08E Background



This preview shows how black text looks on a background with the Hex color 00B08E.

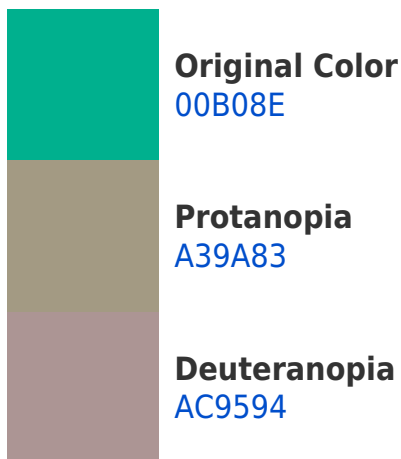


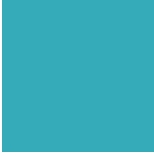
This preview shows how white text looks on a background with the Hex color 00B08E.

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
35AAB8

Trichromacy



Original Color
00B08E



Protanomaly
68A287



Deuteranomaly
6D9F92



Tritanomaly
22ACA9

Monochromacy



Original Color
00B08E



Achromatopsia
787878



Achromatomaly
4C8C80

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B08E 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 #00B08E looks like.

```
.text, #text, p{  
    color:#00B08E  
}
```

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 #00B08E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B08E
}
```

Border

The CSS property to change the border of an element to Hex 00B08E 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
#00B08E }
```

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

```
.border{ border-color:#00B08E }
```

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

Here you see how a box with a 4 pixel #00B08E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B08E; -webkit-box-shadow:4px 4px  
4px 4px #00B08E; box-shadow:4px 4px 4px  
4px #00B08E }
```

Background

The CSS property to change the background color of an element to Hex 00B08E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B08E }
```

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

```
.background{ background-color:#00B08E }
```

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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