

# Converting Colors

Hex(00AB8C)

Have a look what the booklet for  
Hex(00AB8C) contains.

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**Color**

**Hex(00AB8C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00AB8C
RGB	0, 171, 140
RGB Percent	0%, 67%, 55%
CMY	1.0000, 0.3294, 0.4510
CMYK	1.00, 0.00, 0.18, 0.33
HSL	169°, 100%, 34%
HSV	169°, 100%, 67%
XYZ	19.2965, 31.0193, 29.7812
YIQ	116.3370, -91.9650, -45.8930

# Conversions

## Conversions Part 2

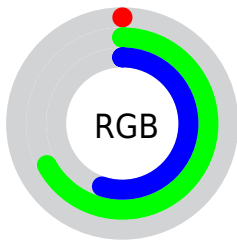
Format	Color
<a href="#">RYB</a>	<a href="#">0, 94, 171</a>
Decimal	<a href="#">43916</a>
CIELab	<a href="#">62.52, -44.60, 5.56</a>
CIELCh	<a href="#">63, 44.944, 172.892</a>
Yxy	<a href="#">31.0193, 0.2409, 0.3873</a>
Android (android.graphics.Color)	<a href="#">4278233996 (0xFF00AB8C)</a>
YUV	<a href="#">116.3370, 11.6659, -102.0275</a>
Hunter-Lab	<a href="#">55.6949, -35.6216, 7.2829</a>

# Details

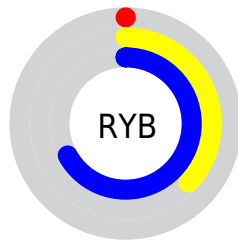
The Hex color **00AB8C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AB001F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5DE3C2**, and **00765A** is the 20% darker color. If you saturate the color by 10%, you get **00AB8C**, and if you desaturate by 10%, it is **11AB8F**.

# Distribution



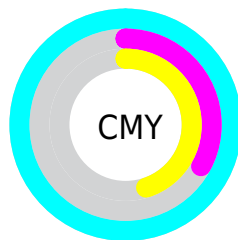
- Red (0%)
- Green (67%)
- Blue (55%)



- Red (0%)
- Yellow (37%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00AB8C 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 00AB8C by changing the saturation by 10% instead.



 00AB8C

 00AB8C

FFFFFF

 009073

 5DE3C2

 00765A

 7CFFDD

 005C43

 9AFFFA

 00432D

 B8FFFF

 002D18


 D7FFFF

 001000

 F5FFFF

 000000

 00AB8C

 11AB8F

 22AB92

 33AB95

 44AB98

 55AB9B

 67AB9F

 78ABA2

 89ABA5

 9AABA8

# Harmonies

## Analogous

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



61A765



00AB8C



00ABB5

# Triad

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



00AB8C



8B90E1



D48359

# Complementary

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



00AB8C



AB001F

# 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.



E2787A



00AB8C



C081C8

# Square

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



00AB8C



369EE6



DC77A2



B79246

# Rectangle

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



00AB8C



00A9CC



DC77A2



DB7F63



# Sweetspot

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



00AB8C



9BDED2



1FAB00



487069



F0F0F0



707070



# Same Dimension

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



00AB8C



00DEB6



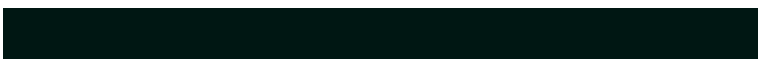
0075AB



4E5755



00967B



001713



# Inverse Universe

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



AB001F



DE0028



AB3600



574E50



96001B

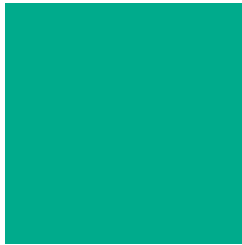


170004



# Previews

## White Background



This preview shows how the Hex color 00AB8C looks on a white background.

## Color Contrast Check

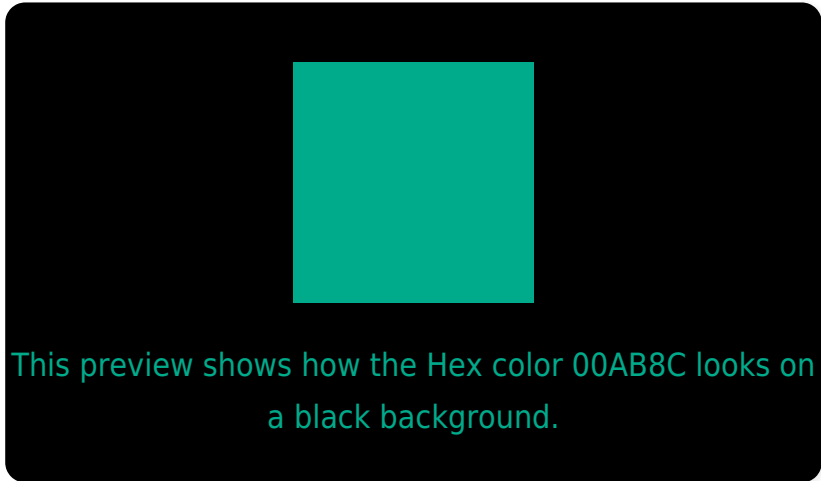
Large Text (above 18pt) WCAG AA × Fail

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 00AB8C Background



This preview shows how black text looks on a background with the Hex color 00AB8C.

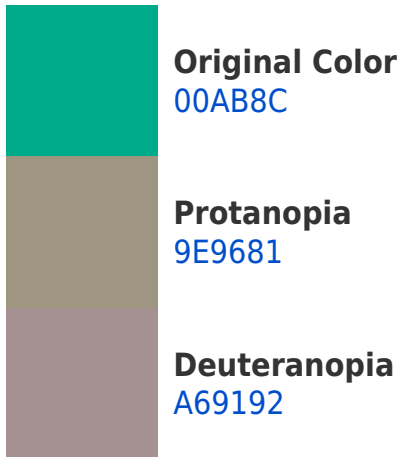


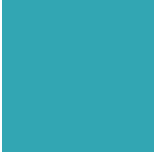
This preview shows how white text looks on a background with the Hex color 00AB8C.

# 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**  
32A6B3

# Trichromacy



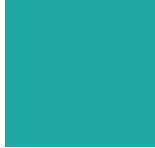
**Original Color**  
00AB8C



**Protanomaly**  
659E85



**Deuteranomaly**  
6A9A90



**Tritanomaly**  
20A8A5

# Monochromacy



**Original Color**  
00AB8C



**Achromatopsia**  
747474



**Achromatomaly**  
4A887D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00AB8C 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 #00AB8C looks like.

```
.text, #text, p{  
    color:#00AB8C  
}
```

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 #00AB8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AB8C
}
```

## Border

The CSS property to change the border of an element to Hex 00AB8C 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
#00AB8C }
```

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

```
.border{ border-color:#00AB8C }
```

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

Here you see how a box with a 4 pixel #00AB8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AB8C; -webkit-box-shadow:4px 4px  
4px 4px #00AB8C; box-shadow:4px 4px 4px  
4px #00AB8C }
```

# Background

The CSS property to change the background color of an element to Hex 00AB8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AB8C }
```

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

```
.background{ background-color:#00AB8C }
```

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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