

Converting Colors

Hex(00AE8D)

Have a look what the booklet for
Hex(00AE8D) contains.

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Color

Hex(00AE8D)

Conversions

Conversions Part 1

Format	Color
Hex	00AE8D
RGB	0, 174, 141
RGB Percent	0%, 68%, 55%
CMY	1.0000, 0.3176, 0.4471
CMYK	1.00, 0.00, 0.19, 0.32
HSL	169°, 100%, 34%
HSV	169°, 100%, 68%
XYZ	19.9438, 32.1952, 30.3625
YIQ	118.2120, -93.1110, -47.1510

Conversions

Conversions Part 2

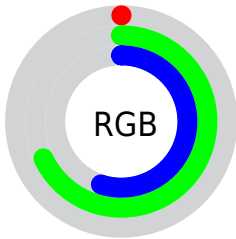
Format	Color
RYB	0, 96, 174
Decimal	44685
CIELab	63.50, -45.57, 6.41
CIElCh	64, 46.022, 171.991
Yxy	32.1952, 0.2417, 0.3902
Android (android.graphics.Color)	4278234765 (0xFF00AE8D)
YUV	118.2120, 11.2345, -103.6719
Hunter-Lab	56.7408, -36.5556, 7.9920

Details

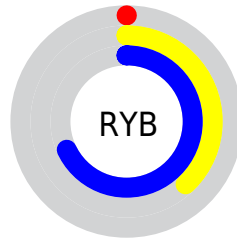
The Hex color **00AE8D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AE0021**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **5EE6C3**, and **00785B** is the 20% darker color. If you saturate the color by 10%, you get **00AE8D**, and if you desaturate by 10%, it is **11AE90**.

Distribution



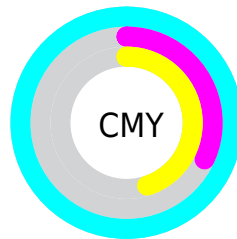
- Red (0%)
- Green (68%)
- Blue (55%)



- Red (0%)
- Yellow (38%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AE8D 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 00AE8D by changing the saturation by 10% instead.

 00AE8D

 00AE8D

FFFFFF

 009373

 5EE6C3

 00785B

 7DFFDE

 005F43

 9BFFFB

 00462D

 BAFBFF

 002F19


 D8FBFF

 001500

 F6FBFF

 000000

 00AE8D

 11AE90

 23AE94

 34AE97

 46AE9A

 57AE9E

 68AEA1

 7AAEA4

 8BAEA7

 9DAEAB

Harmonies

Analogous

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



64A965



00AE8D



00AEB7

Triad

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



00AE8D



8B93E6



D9855A

Complementary

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



00AE8D



AE0021

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.



E7797D



00AE8D



C283CD

Square

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



00AE8D



2FA1EB



E078A7



BC9447

Rectangle

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



00AE8D



00ACCF



E078A7



E08065

Sweetspot

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



00AE8D



9FE3D6



23AE00



49736B



F2F2F2



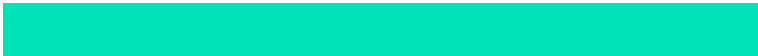
737373

Same Dimension

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



00AE8D



00E3B8



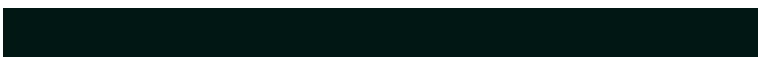
007AAE



4E5755



00967A



001713

Inverse Universe

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



AE0021



E3002B



AE3400



574E50



96001D



170004

Previews

White Background



This preview shows how the Hex color 00AE8D looks on a white background.

Color Contrast Check

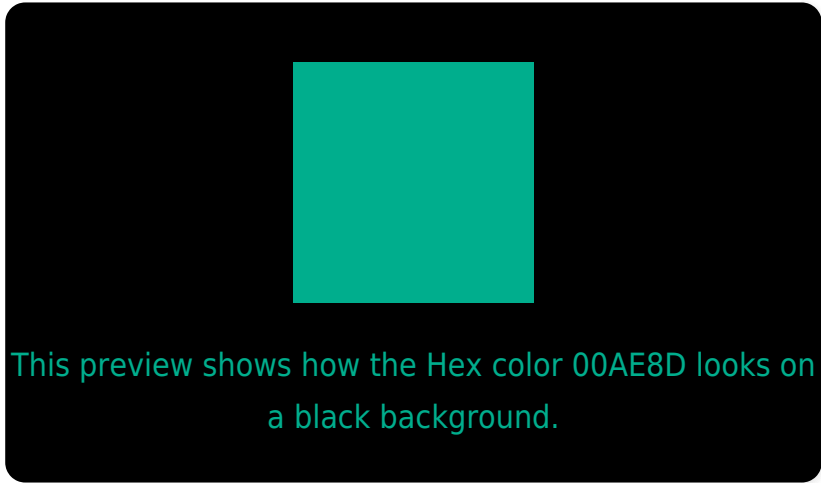
Large Text (above 18pt) WCAG AA × Fail

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 00AE8D Background



This preview shows how black text looks on a background with the Hex color 00AE8D.

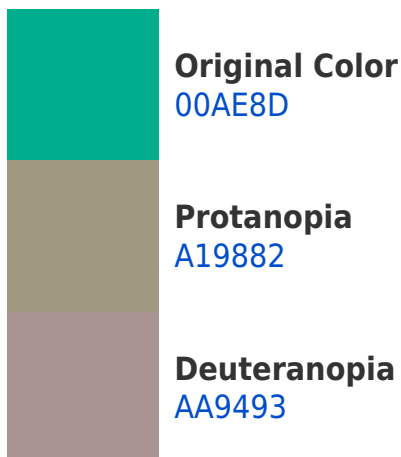


This preview shows how white text looks on a background with the Hex color 00AE8D.

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
34A8B6

Trichromacy



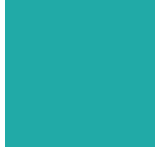
Original Color
00AE8D



Protanomaly
66A086



Deuteranomaly
6C9D91



Tritanomaly
21AAA7

Monochromacy



Original Color
00AE8D



Achromatopsia
767676



Achromatomaly
4B8A7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AE8D 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 #00AE8D looks like.

```
.text, #text, p{  
    color:#00AE8D  
}
```

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 #00AE8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AE8D
}
```

Border

The CSS property to change the border of an element to Hex 00AE8D 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
#00AE8D }
```

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

```
.border{ border-color:#00AE8D }
```

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

Here you see how a box with a 4 pixel #00AE8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AE8D; -webkit-box-shadow:4px 4px  
4px 4px #00AE8D; box-shadow:4px 4px 4px  
4px #00AE8D }
```

Background

The CSS property to change the background color of an element to Hex 00AE8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AE8D }
```

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

```
.background{ background-color:#00AE8D }
```

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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