

Converting Colors

Hex(00AC8D)

Have a look what the booklet for
Hex(00AC8D) contains.

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Color

Hex(00AC8D)

Conversions

Conversions Part 1

Format	Color
Hex	00AC8D
RGB	0, 172, 141
RGB Percent	0%, 67%, 55%
CMY	1.0000, 0.3255, 0.4471
CMYK	1.00, 0.00, 0.18, 0.33
HSL	169°, 100%, 34%
HSV	169°, 100%, 67%
XYZ	19.5602, 31.4281, 30.2346
YIQ	117.0380, -92.5610, -46.1050

Conversions

Conversions Part 2

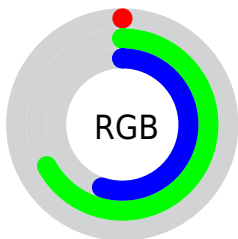
Format	Color
RYB	0, 95, 172
Decimal	44173
CIELab	62.87, -44.75, 5.50
CIELCh	63, 45.083, 172.995
Yxy	31.4281, 0.2408, 0.3869
Android (android.graphics.Color)	4278234253 (0xFF00AC8D)
YUV	117.0380, 11.8133, -102.6423
Hunter-Lab	56.0608, -35.8258, 7.2664

Details

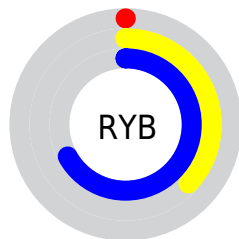
The Hex color **00AC8D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC001F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **5EE4C3**, and **00775B** is the 20% darker color. If you saturate the color by 10%, you get **00AC8D**, and if you desaturate by 10%, it is **11AC90**.

Distribution



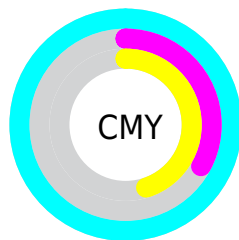
- Red (0%)
- Green (67%)
- Blue (55%)



- 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 00AC8D 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 00AC8D by changing the saturation by 10% instead.

 00AC8D

 00AC8D

FFFFFF

 009173

 5EE4C3

 00775B

 7DFFDE

 005D43

 9BFFFB

 00442D

 B9FFF

 002E19

 D7FFF

 001200

 F5FFF

 000000

 00AC8D

 11AC90

 22AC93

 34AC96

 45AC99

 56AC9D

 67ACA0

 78ACA3

 8AACA6

 9BACA9

Harmonies

Analogous

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



62A866



00AC8D



00ACB6

Triad

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



00AC8D



8C91E2



D58459

Complementary

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



00AC8D



AC001F

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.



E3797B



00AC8D



C182C9

Square

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



00AC8D



379FE7



DE77A3



B89347

Rectangle

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



00AC8D



00AACE



DE77A3



DC7F63

Sweetspot

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



00AC8D



9DE0D4



20AC00



487069



F0F0F0



707070

Same Dimension

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



00AC8D



00E0B8



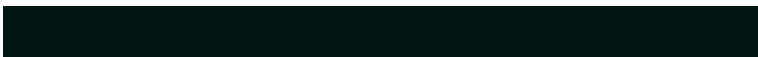
0076AC



4E5755



00967B



001713

Inverse Universe

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



AC001F



E00028



AC3600



574E50



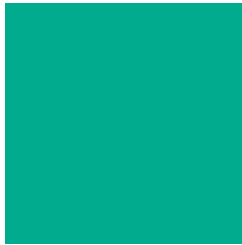
96001B



170004

Previews

White Background



This preview shows how the Hex color 00AC8D 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 00AC8D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

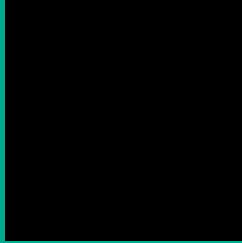
Any Text WCAG AA ✓ Pass

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 00AC8D Background



This preview shows how black text looks on a background with the Hex color 00AC8D.

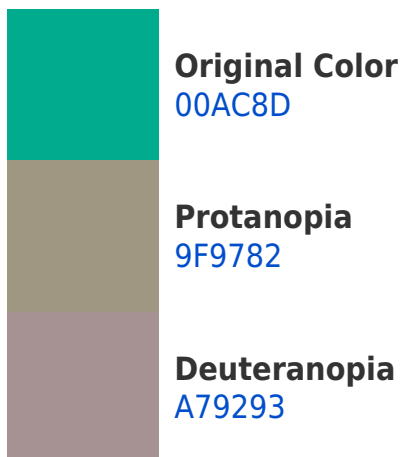


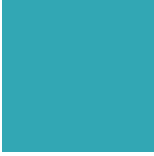
This preview shows how white text looks on a background with the Hex color 00AC8D.

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
32A7B4

Trichromacy



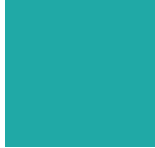
Original Color
00AC8D



Protanomaly
659F86



Deuteranomaly
6A9B91



Tritanomaly
20A9A6

Monochromacy



Original Color
00AC8D



Achromatopsia
757575



Achromatomaly
4A897E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AC8D 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 #00AC8D looks like.

```
.text, #text, p{  
    color:#00AC8D  
}
```

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 #00AC8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AC8D
}
```

Border

The CSS property to change the border of an element to Hex 00AC8D 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
#00AC8D }
```

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

```
.border{ border-color:#00AC8D }
```

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

Here you see how a box with a 4 pixel #00AC8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AC8D; -webkit-box-shadow:4px 4px  
4px 4px #00AC8D; box-shadow:4px 4px 4px  
4px #00AC8D }
```

Background

The CSS property to change the background color of an element to Hex 00AC8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AC8D }
```

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

```
.background{ background-color:#00AC8D }
```

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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