

# Converting Colors

Hex(00A8AF)

Have a look what the booklet for  
Hex(00A8AF) contains.

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# Color

Hex(00A8AF)

# Conversions

## Conversions Part 1

Format	Color
Hex	00A8AF
RGB	0, 168, 175
RGB Percent	0%, 66%, 69%
CMY	1.0000, 0.3412, 0.3137
CMYK	1.00, 0.04, 0.00, 0.31
HSL	182°, 100%, 34%
HSV	182°, 100%, 69%
XYZ	21.7405, 31.1004, 45.4146
YIQ	118.5660, -102.3750, -33.4390

# Conversions

## Conversions Part 2

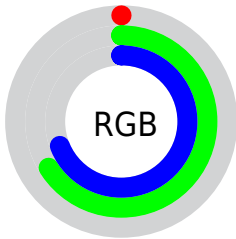
Format	Color
<a href="#">RYB</a>	0, 86, 175
Decimal	43183
CIELab	62.59, -32.98, -13.93
CIELCh	63, 35.797, 202.896
Yxy	31.1004, 0.2213, 0.3165
Android (android.graphics.Color)	4278233263 (0xFF00A8AF)
YUV	118.5660, 27.8220, -103.9824
Hunter-Lab	55.7677, -28.0071, -9.2455

# Details

The Hex color **00A8AF** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AF0700**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **60E0E6**, and **00737B** is the 20% darker color. If you saturate the color by 10%, you get **00A8AF**, and if you desaturate by 10%, it is **11A9AF**.

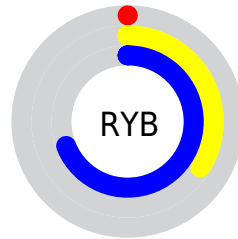
# Distribution



Red (0%)

Green (66%)

Blue (69%)



Red (0%)

Yellow (34%)

Blue (69%)

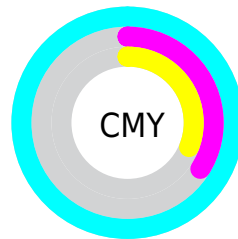


Cyan (100%)

Magenta (4%)

Yellow (0%)

Black (31%)



Cyan (100%)

Magenta (34%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A8AF 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 00A8AF by changing the saturation by 10% instead.



 00A8AF

 00A8AF

FFFFFF

 008D94

 60E0E6

 00737B

 80FDFE

 005A62

 9FFFFFF

 00424A

 BDFEFC

 002B33

 DBFEFC


 00121F

 FAFFFF

 000003

 000000

 00A8AF

 11A9AF

 23A9AF

 35AAAF

 46ABAF

 58ABAF

 69ACAF

 7AADAF

 8CAEAF

 9EAEAF

# Harmonies

## Analogous

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



43A88E



00A8AF



17A4C9

# Triad

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



00A8AF



B886BE



B39358

# Complementary

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



00A8AF



AF0700

# 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.



CA8866



00A8AF



D07FA0

# Square

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



00A8AF



9092D2



D58080



939D5C

# Rectangle

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



00A8AF



46A0D3



D58080



BC8F5B



# Sweetspot

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



00A8AF



9FE0E3



00AF06



497173



F2F2F2



737373



# Same Dimension

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



00A8AF



00DAE3



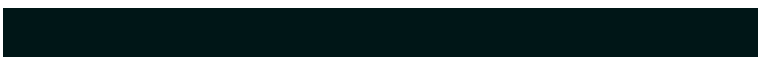
0052AF



4E5657



009096



001617



# Inverse Universe

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



AF00A8



E300DA



AF5D00



574E56



960090



170016



# Previews

## White Background



This preview shows how the Hex color 00A8AF looks on a white background.

## Color Contrast Check

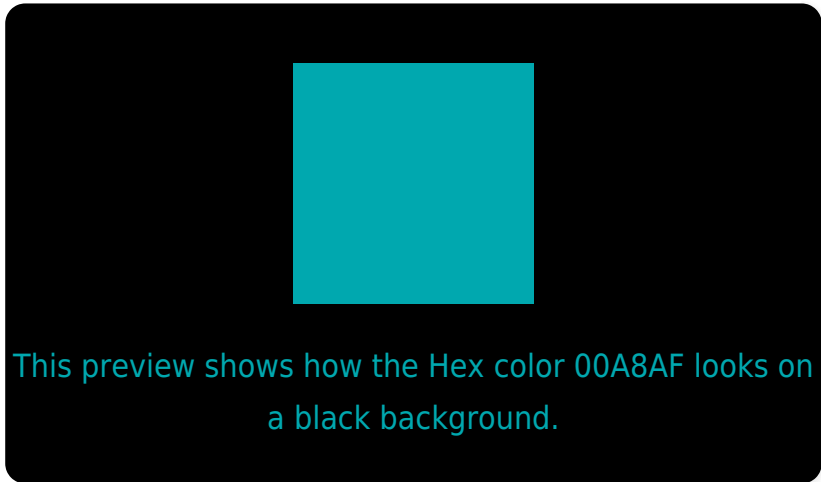
Large Text (above 18pt) WCAG AA × Fail

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

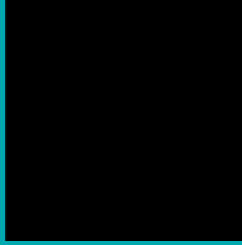
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00A8AF Background



This preview shows how black text looks on a background with the Hex color 00A8AF.

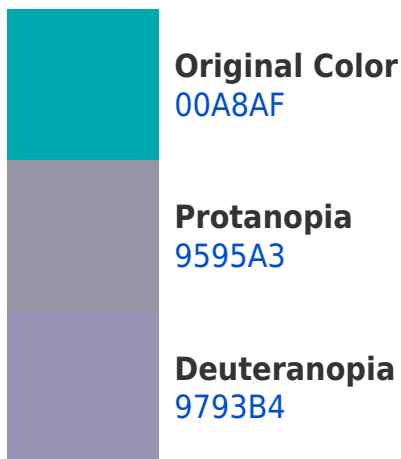


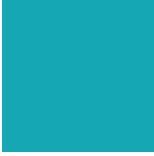
This preview shows how white text looks on a background with the Hex color 00A8AF.

# 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



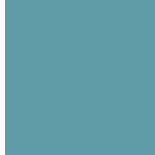


**Tritanopia**  
16A7B5

# Trichromacy



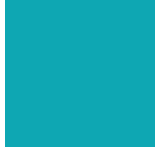
**Original Color**  
00A8AF



**Protanomaly**  
5F9CA7



**Deuteranomaly**  
609BB2



**Tritanomaly**  
0EA7B3

# Monochromacy



**Original Color**  
00A8AF



**Achromatopsia**  
777777



**Achromatomaly**  
4C898B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A8AF 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 #00A8AF looks like.

```
.text, #text, p{  
    color:#00A8AF  
}
```

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 #00A8AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8AF
}
```

## Border

The CSS property to change the border of an element to Hex 00A8AF 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
#00A8AF }
```

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

```
.border{ border-color:#00A8AF }
```

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

Here you see how a box with a 4 pixel #00A8AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8AF; -webkit-box-shadow:4px 4px  
4px 4px #00A8AF; box-shadow:4px 4px 4px  
4px #00A8AF }
```

# Background

The CSS property to change the background color of an element to Hex 00A8AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8AF }
```

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

```
.background{ background-color:#00A8AF }
```

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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