

Converting Colors

Hex(00A8AB)

Have a look what the booklet for
Hex(00A8AB) contains.

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Color

Hex(00A8AB)

Conversions

Conversions Part 1

Format	Color
Hex	00A8AB
RGB	0, 168, 171
RGB Percent	0%, 66%, 67%
CMY	1.0000, 0.3412, 0.3294
CMYK	1.00, 0.02, 0.00, 0.33
HSL	181°, 100%, 34%
HSV	181°, 100%, 67%
XYZ	21.3533, 30.9455, 43.3757
YIQ	118.1100, -101.0910, -34.6830

Conversions

Conversions Part 2

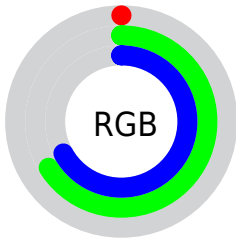
Format	Color
RYB	0, 85, 171
Decimal	43179
CIELab	62.46, -34.24, -11.88
CIELCh	62, 36.243, 199.138
Yxy	30.9455, 0.2232, 0.3234
Android (android.graphics.Color)	4278233259 (0xFF00A8AB)
YUV	118.1100, 26.0748, -103.5825
Hunter-Lab	55.6287, -28.8323, -7.2905

Details

The Hex color **00A8AB** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AB0300**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **60E0E2**, and **007377** is the 20% darker color. If you saturate the color by 10%, you get **00A8AB**, and if you desaturate by 10%, it is **11A8AB**.

Distribution



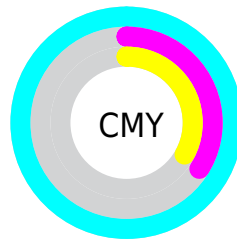
- Red (0%)
- Green (66%)
- Blue (67%)



- Red (0%)
- Yellow (33%)
- Blue (67%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A8AB 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 00A8AB by changing the saturation by 10% instead.

 00A8AB

 00A8AB

FFFFFF

 008D91

 60E0E2

 007377

 7FFDFD

 005A5E

 9EFFFF

 004247

 BCFFFF

 002B30

 DBFFFF

 00111C

 F9FFFF

 000000

 00A8AB

 11A8AB

 22A9AB

 33A9AB

 44A9AB

 55AAAB

 67AAAB

 78AAAB

 89AAAB

 9AABAB

Harmonies

Analogous

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



47A78A



00A8AB



00A5C7

Triad

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



00A8AB



B487C1



B69158

Complementary

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



00A8AB



AB0300

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.



CC8668



00A8AB



CE7FA4

Square

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



00A8AB



8993D4



D67F84



979C59

Rectangle

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



00A8AB



3BA1D2



D67F84



BF8D5B

Sweetspot

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



00A8AB



9BDDDE



00AB03



486F70



F0F0F0



707070

Same Dimension

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



00A8AB



00DADE



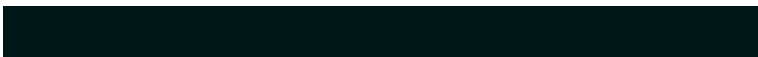
0053AB



4E5757



009496



001717

Inverse Universe

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



AB00A8



DE00DA



AB5800



574E57



960094



170017

Previews

White Background



This preview shows how the Hex color 00A8AB looks on a white background.

Color Contrast Check

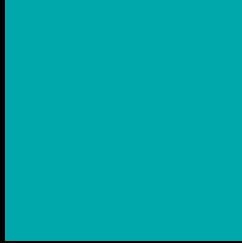
Large Text (above 18pt) WCAG AA × Fail

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 00A8AB 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 00A8AB Background



This preview shows how black text looks on a background with the Hex color 00A8AB.

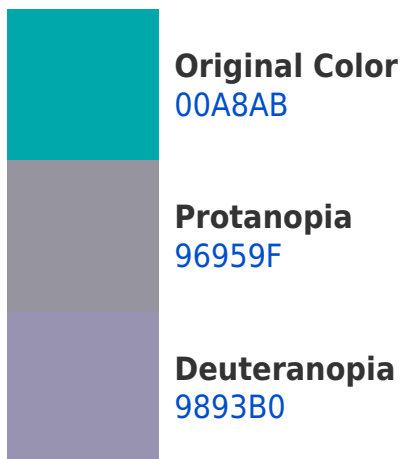


This preview shows how white text looks on a background with the Hex color 00A8AB.

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
1BA7B4

Trichromacy



Original Color
00A8AB



Protanomaly
5F9CA3



Deuteranomaly
619BAE



Tritanomaly
11A7B1

Monochromacy



Original Color
00A8AB



Achromatopsia
767676



Achromatomaly
4B8889

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A8AB 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 #00A8AB looks like.

```
.text, #text, p{  
    color:#00A8AB  
}
```

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 #00A8AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8AB
}
```

Border

The CSS property to change the border of an element to Hex 00A8AB 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
#00A8AB }
```

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

```
.border{ border-color:#00A8AB }
```

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

Here you see how a box with a 4 pixel #00A8AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8AB; -webkit-box-shadow:4px 4px  
4px 4px #00A8AB; box-shadow:4px 4px 4px  
4px #00A8AB }
```

Background

The CSS property to change the background color of an element to Hex 00A8AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8AB }
```

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

```
.background{ background-color:#00A8AB }
```

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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