

Converting Colors

Hex(00A9AC)

Have a look what the booklet for
Hex(00A9AC) contains.

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Color

Hex(00A9AC)

Conversions

Conversions Part 1

Format	Color
Hex	00A9AC
RGB	0, 169, 172
RGB Percent	0%, 66%, 67%
CMY	1.0000, 0.3373, 0.3255
CMYK	1.00, 0.02, 0.00, 0.33
HSL	181°, 100%, 34%
HSV	181°, 100%, 67%
XYZ	21.6344, 31.3545, 43.9415
YIQ	118.8110, -101.6870, -34.8950

Conversions

Conversions Part 2

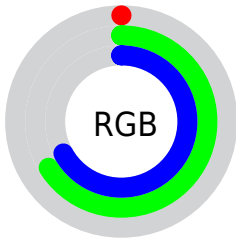
Format	Color
RYB	0, 85, 172
Decimal	43436
CIELab	62.81, -34.40, -11.93
CIELCh	63, 36.404, 199.123
Yxy	31.3545, 0.2232, 0.3235
Android (android.graphics.Color)	4278233516 (0xFF00A9AC)
YUV	118.8110, 26.2222, -104.1972
Hunter-Lab	55.9951, -29.0258, -7.3306

Details

The Hex color **00A9AC** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC0300**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **60E1E3**, and **007478** is the 20% darker color. If you saturate the color by 10%, you get **00A9AC**, and if you desaturate by 10%, it is **11A9AC**.

Distribution



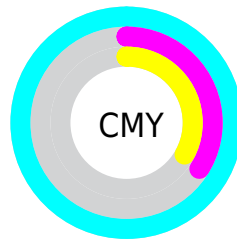
- Red (0%)
- Green (66%)
- Blue (67%)



- 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 00A9AC 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 00A9AC by changing the saturation by 10% instead.

 00A9AC

 00A9AC

FFFFFF

 008E91

 60E1E3

 007478

 80FEFF

 005B5F

 9EFFFF

 004347

 BDFFFF

 002C31

 DBFFFF

 00131C

 FAFFFF

 000000

 00A9AC

 11A9AC

■ 22AAAC

■ 34AAAC

■ 45AAAC

■ 56ABAC

■ 67ABAC

■ 78ABAC

■ 8AABAC

■ 9BACAC

Harmonies

Analogous

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



48A88B



00A9AC



00A6C8

Triad

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



00A9AC



B588C3



B79258

Complementary

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



00A9AC



AC0300

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.



CE8768



00A9AC



CF80A5

Square

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



00A9AC



8A94D5



D77F84



989C5A

Rectangle

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



00A9AC



3CA2D4



D77F84



C08E5C

Sweetspot

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



00A9AC



9DDFE0



00AC03



486F70



F0F0F0



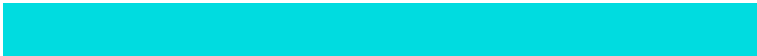
707070

Same Dimension

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



00A9AC



00DCE0



0053AC



4E5757



009496



001717

Inverse Universe

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



AC00A9



E000DC



AC5900



574E57



960094



170017

Previews

White Background



This preview shows how the Hex color 00A9AC looks on a white background.

Color Contrast Check

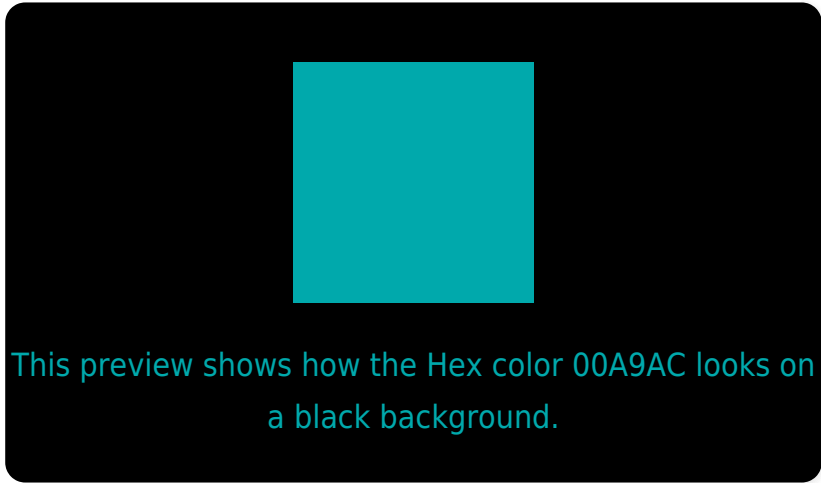
Large Text (above 18pt) WCAG AA × Fail

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

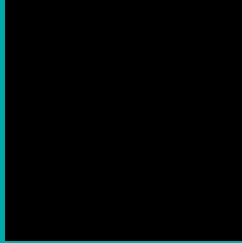
Any Text WCAG AA ✓ Pass

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 00A9AC Background



This preview shows how black text looks on a background with the Hex color 00A9AC.

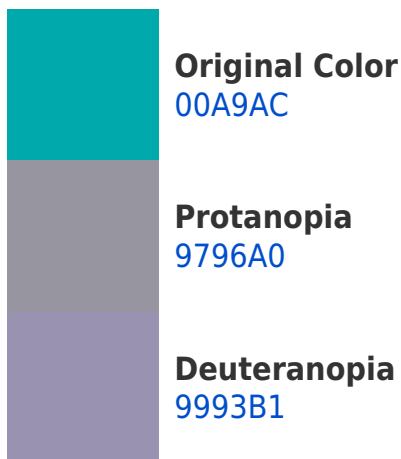


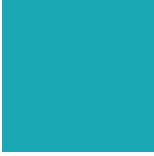
This preview shows how white text looks on a background with the Hex color 00A9AC.

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
1BA8B5

Trichromacy



Original Color
00A9AC



Protanomaly
609DA4



Deuteranomaly
619BAF



Tritanomaly
11A8B2

Monochromacy



Original Color
00A9AC



Achromatopsia
777777



Achromatomaly
4C898A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A9AC 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 #00A9AC looks like.

```
.text, #text, p{  
    color:#00A9AC  
}
```

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 #00A9AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A9AC
}
```

Border

The CSS property to change the border of an element to Hex 00A9AC 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
#00A9AC }
```

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

```
.border{ border-color:#00A9AC }
```

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

Here you see how a box with a 4 pixel #00A9AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A9AC; -webkit-box-shadow:4px 4px  
4px 4px #00A9AC; box-shadow:4px 4px 4px  
4px #00A9AC }
```

Background

The CSS property to change the background color of an element to Hex 00A9AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A9AC }
```

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

```
.background{ background-color:#00A9AC }
```

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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