

Converting Colors

Hex(00AAA9)

Have a look what the booklet for
Hex(00AAA9) contains.

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Color

Hex(00AAA9)

Conversions

Conversions Part 1

Format	Color
Hex	00AAA9
RGB	0, 170, 169
RGB Percent	0%, 67%, 66%
CMY	1.0000, 0.3333, 0.3373
CMYK	1.00, 0.00, 0.01, 0.33
HSL	180°, 100%, 33%
HSV	180°, 100%, 67%
XYZ	21.5362, 31.6140, 42.5032
YIQ	119.0560, -100.9990, -36.3510

Conversions

Conversions Part 2

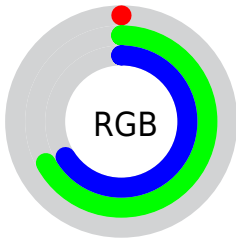
Format	Color
RYB	0, 85, 170
Decimal	43689
CIELab	63.02, -35.79, -9.92
CIELCh	63, 37.142, 195.493
Yxy	31.6140, 0.2251, 0.3305
Android (android.graphics.Color)	4278233769 (0xFF00AAA9)
YUV	119.0560, 24.6224, -104.4121
Hunter-Lab	56.2263, -30.0260, -5.4606

Details

The Hex color **00AAA9** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AA0001**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **60E2E0**, and **007575** is the 20% darker color. If you saturate the color by 10%, you get **00AAA9**, and if you desaturate by 10%, it is **11AAA9**.

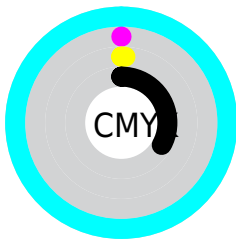
Distribution



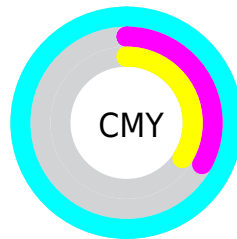
- Red (0%)
- Green (67%)
- Blue (66%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00AAA9 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 00AAA9 by changing the saturation by 10% instead.

 00AAA9

 00AAA9

FFFFFF

 008F8F

 60E2E0

 007575

 80FFFD

 005C5C

 9EFFFF

 004345

 BCFFFF

 002D2F

 DBFFFF

 00131A

 F9FFFF

 000000

 00AAA9

 11AAA9

 22AAA9

 33AAA9

 44AAA9

 55AAA9

 66AAAA

 77AAAA

 88AAAA

 99AAAA

Harmonies

Analogous

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



4CA987



00AAA9



00A7C7

Triad

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



00AAA9



B28AC7



BC9159

Complementary

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



00AAA9



AA0001

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.



D1866B



00AAA9



CF80AA

Square

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



00AAA9



8496D8



D97F88



9D9C58

Rectangle

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



00AAA9



2FA3D4



D97F88



C48D5D

Sweetspot

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



00AAA9



9BDEDD



03AA00



487070



F0F0F0



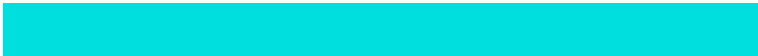
707070

Same Dimension

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



00AAA9



00DEDD



0058AA



4C5454



009493



001414

Inverse Universe

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



AA0001



DE0001



AA5200



544C4C



940001



140000

Previews

White Background



This preview shows how the Hex color 00AAA9 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 00AAA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

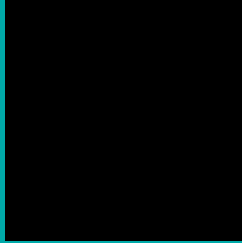
Any Text WCAG AA ✓ Pass

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 00AAA9 Background



This preview shows how black text looks on a background with the Hex color 00AAA9.

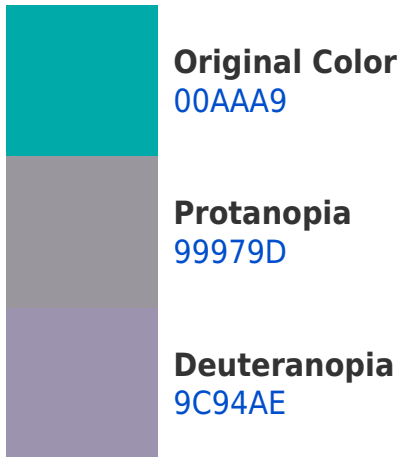


This preview shows how white text looks on a background with the Hex color 00AAA9.

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



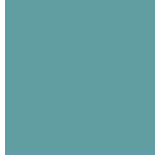


Tritanopia
20A8B6

Trichromacy



Original Color
00AAA9



Protanomaly
619EA1



Deuteranomaly
639CAC



Tritanomaly
14A9B1

Monochromacy



Original Color
00AAA9



Achromatopsia
777777



Achromatomaly
4C8A89

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AAA9 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 #00AAA9 looks like.

```
.text, #text, p{  
    color:#00AAA9  
}
```

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 #00AAA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AAA9
}
```

Border

The CSS property to change the border of an element to Hex 00AAA9 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
#00AAA9 }
```

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

```
.border{ border-color:#00AAA9 }
```

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

Here you see how a box with a 4 pixel #00AAA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AAA9; -webkit-box-shadow:4px 4px  
4px 4px #00AAA9; box-shadow:4px 4px 4px  
4px #00AAA9 }
```

Background

The CSS property to change the background color of an element to Hex 00AAA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AAA9 }
```

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

```
.background{ background-color:#00AAA9 }
```

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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