

Converting Colors

Hex(00A9B8)

Have a look what the booklet for
Hex(00A9B8) contains.

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Color

Hex(00A9B8)

Conversions

Conversions Part 1

Format	Color
Hex	00A9B8
RGB	0, 169, 184
RGB Percent	0%, 66%, 72%
CMY	1.0000, 0.3373, 0.2784
CMYK	1.00, 0.08, 0.00, 0.28
HSL	185°, 100%, 36%
HSV	185°, 100%, 72%
XYZ	22.8397, 31.8366, 50.2887
YIQ	120.1790, -105.5390, -31.1630

Conversions

Conversions Part 2

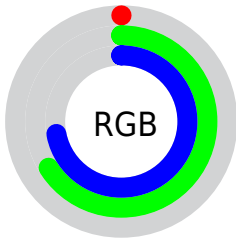
Format	Color
RYB	0, 88, 184
Decimal	43448
CIELab	63.21, -30.56, -18.03
CIELCh	63, 35.483, 210.543
Yxy	31.8366, 0.2176, 0.3033
Android (android.graphics.Color)	4278233528 (0xFF00A9B8)
YUV	120.1790, 31.4638, -105.3970
Hunter-Lab	56.4240, -26.4874, -13.3463

Details

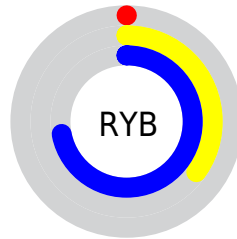
The Hex color **00A9B8** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B80F00**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **62E1F0**, and **007483** is the 20% darker color. If you saturate the color by 10%, you get **00A9B8**, and if you desaturate by 10%, it is **12ABB8**.

Distribution



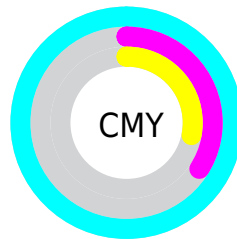
- Red (0%)
- Green (66%)
- Blue (72%)



- Red (0%)
- Yellow (35%)
- Blue (72%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (34%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A9B8 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 00A9B8 by changing the saturation by 10% instead.

 00A9B8

 00A9B8

FFFFFF

 008E9D

 62E1F0

 007483

 82FDFF

 005B6A

 A1FFFF

 004352

 BFFFFFF

 002C3B

 DEFFF

 001525

 FCFFF

 00010F

 000000

 00A9B8

 12ABB8

 25ACB8

 37AEB8

 4AAF8

 5CB1B8

 6EB2B8

 81B4B8

 93B5B8

 A6B7B8

Harmonies

Analogous

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



3AAA99



00A9B8



30A4CF

Triad

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



00A9B8



C186B9



AD9759

Complementary

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



00A9B8



B80F00

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.



C78C63



00A9B8



D4809A

Square

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



00A9B8



9D91CF



D5837B



8CA161

Rectangle

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



00A9B8



599FD7



D5837B



B7945B

Sweetspot

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



00A9B8



A8EAF0



00B80C



4D7478



F7F7F7



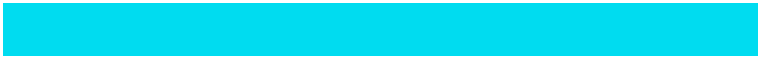
787878

Same Dimension

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



00A9B8



00DCF0



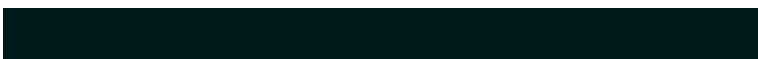
0050B8



535B5C



008F9C



001A1C

Inverse Universe

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



B800A9



F000DC



B86800



5C535B



9C008F



1C001A

Previews

White Background



This preview shows how the Hex color 00A9B8 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 00A9B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

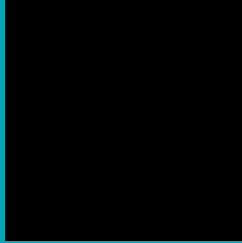
Any Text WCAG AA ✓ Pass

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 00A9B8 Background



This preview shows how black text looks on a background with the Hex color 00A9B8.

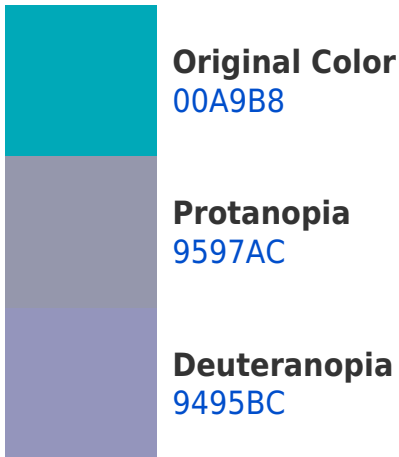


This preview shows how white text looks on a background with the Hex color 00A9B8.

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
00A9B7

Trichromacy



Original Color
00A9B8



Protanomaly
5F9EB0



Deuteranomaly
5E9CBB



Tritanomaly
00A9B7

Monochromacy



Original Color
00A9B8



Achromatopsia
787878



Achromatomaly
4C8A8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A9B8 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 #00A9B8 looks like.

```
.text, #text, p{  
    color:#00A9B8  
}
```

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 #00A9B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A9B8  
}
```

Border

The CSS property to change the border of an element to Hex 00A9B8 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  
#00A9B8 }
```

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

```
.border{ border-color:#00A9B8 }
```

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

Here you see how a box with a 4 pixel #00A9B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A9B8; -webkit-box-shadow:4px 4px  
4px 4px #00A9B8; box-shadow:4px 4px 4px  
4px #00A9B8 }
```

Background

The CSS property to change the background color of an element to Hex 00A9B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A9B8 }
```

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

```
.background{ background-color:#00A9B8 }
```

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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