

Converting Colors

Hex(00A8BB)

Have a look what the booklet for
Hex(00A8BB) contains.

Hex(00A8BB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00A8BB)

Conversions

Conversions Part 1

Format	Color
Hex	00A8BB
RGB	0, 168, 187
RGB Percent	0%, 66%, 73%
CMY	1.0000, 0.3412, 0.2667
CMYK	1.00, 0.10, 0.00, 0.27
HSL	186°, 100%, 37%
HSV	186°, 100%, 73%
XYZ	22.9723, 31.5931, 51.9010
YIQ	119.9340, -106.2270, -29.7070

Conversions

Conversions Part 2

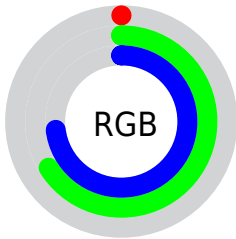
Format	Color
RYB	0, 88, 187
Decimal	43195
CIELab	63.01, -29.09, -20.02
CIELCh	63, 35.308, 214.533
Yxy	31.5931, 0.2158, 0.2967
Android (android.graphics.Color)	4278233275 (0xFF00A8BB)
YUV	119.9340, 33.0635, -105.1821
Hunter-Lab	56.2078, -25.4101, -15.4017

Details

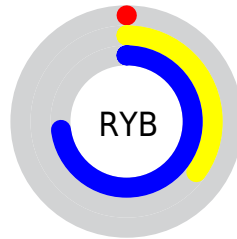
The Hex color **00A8BB** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **BB1300**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **62E0F3**, and **007386** is the 20% darker color. If you saturate the color by 10%, you get **00A8BB**, and if you desaturate by 10%, it is **13AABB**.

Distribution



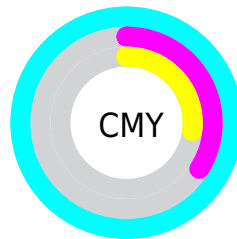
- Red (0%)
- Green (66%)
- Blue (73%)



- Red (0%)
- Yellow (35%)
- Blue (73%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A8BB 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 00A8BB by changing the saturation by 10% instead.

 00A8BB

 00A8BB

FFFFFF

 008DA0

 62E0F3

 007386

 82FCFF

 005A6C

 A1FFFF

 004254

 C0FFFF

 002C3D

 DEFFFF

 001427

FDFFFF

 000112

 000000

 00A8BB

 13AABB

 25ACBB

 38AEBB

 4BB0BB

 5EB2BB

 70B3BB

 83B5BB

 96B7BB

 A8B9BB

Harmonies

Analogous

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



33A99C



00A8BB



39A3D0

Triad

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



00A8BB



C484B4



A89859

Complementary

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



00A8BB



BB1300

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.



C38D60



00A8BB



D48095

Square

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



00A8BB



A28FCC



D38476



87A164

Rectangle

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



00A8BB



609DD6



D38476



B2955A

Sweetspot

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



00A8BB



AAEBF2



00BB13



4E767A



FAFAFA



7A7A7A

Same Dimension

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



00A8BB



00DAF2



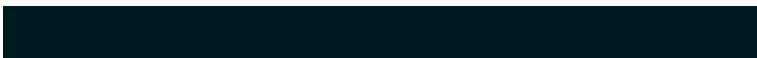
004BBB



555D5E



008E9E



001B1F

Inverse Universe

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



BB00A8



F200DA



BB7000



5E555D



9E008E



1F001B

Previews

White Background



This preview shows how the Hex color 00A8BB 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 00A8BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

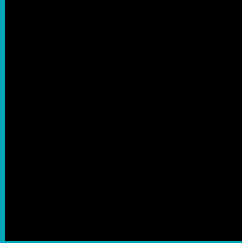
Any Text WCAG AA ✓ Pass

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 00A8BB Background



This preview shows how black text looks on a background with the Hex color 00A8BB.

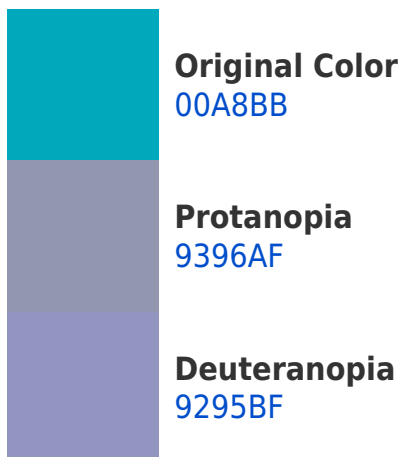


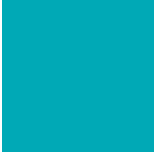
This preview shows how white text looks on a background with the Hex color 00A8BB.

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
00A9B6

Trichromacy



Original Color
00A8BB



Protanomaly
5E9DB3



Deuteranomaly
5D9CBE



Tritanomaly
00A9B8

Monochromacy



Original Color
00A8BB



Achromatopsia
787878



Achromatomaly
4C8990

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A8BB 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 #00A8BB looks like.

```
.text, #text, p{  
    color:#00A8BB  
}
```

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 #00A8BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8BB
}
```

Border

The CSS property to change the border of an element to Hex 00A8BB 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
#00A8BB }
```

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

```
.border{ border-color:#00A8BB }
```

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

Here you see how a box with a 4 pixel #00A8BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8BB; -webkit-box-shadow:4px 4px  
4px 4px #00A8BB; box-shadow:4px 4px 4px  
4px #00A8BB }
```

Background

The CSS property to change the background color of an element to Hex 00A8BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8BB }
```

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

```
.background{ background-color:#00A8BB }
```

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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