

Converting Colors

Hex(00AABD)

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

Hex(00AABD)	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(00AABD)

Conversions

Conversions Part 1

Format	Color
Hex	00AABD
RGB	0, 170, 189
RGB Percent	0%, 67%, 74%
CMY	1.0000, 0.3333, 0.2588
CMYK	1.00, 0.10, 0.00, 0.26
HSL	186°, 100%, 37%
HSV	186°, 100%, 74%
XYZ	23.5600, 32.4236, 53.1607
YIQ	121.3360, -107.4190, -30.1310

Conversions

Conversions Part 2

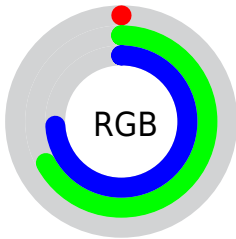
Format	Color
RYB	0, 89, 189
Decimal	43709
CIELab	63.69, -29.41, -20.09
CIElCh	64, 35.616, 214.331
Yxy	32.4236, 0.2159, 0.2971
Android (android.graphics.Color)	4278233789 (0xFF00AABD)
YUV	121.3360, 33.3584, -106.4117
Hunter-Lab	56.9417, -25.7923, -15.4939

Details

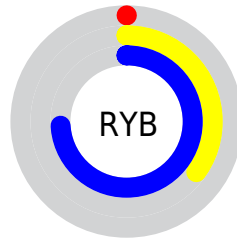
The Hex color **00AABD** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **BD1300**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **63E2F5**, and **007588** is the 20% darker color. If you saturate the color by 10%, you get **00AABD**, and if you desaturate by 10%, it is **13ACBD**.

Distribution



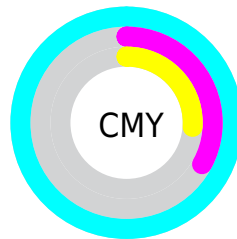
- Red (0%)
- Green (67%)
- Blue (74%)



- Red (0%)
- Yellow (35%)
- Blue (74%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 00AABD

 00AABD

FFFFFF

 008FA2

 63E2F5

 007588

 83FFFF

 005C6E

 A2FFFF

 004456

 C0FFFF

 002D3F

 DFFFFF

 001729

FEFFFF

 000114

 000000

 00AABD

 13ACBD

 26AEBD

 39B0BD

 4CB2BD

 5FB4BD

 71B5BD

 84B7BD

 97B9BD

 AABBBB

Harmonies

Analogous

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



34AB9E



00AABD



39A5D3

Triad

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



00AABD



C686B6



AB9A5A

Complementary

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



00AABD



BD1300

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.



C68F62



00AABD



D78197

Square

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



00AABD



A490CF



D68578



89A365

Rectangle

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



00AABD



619FD9



D68578



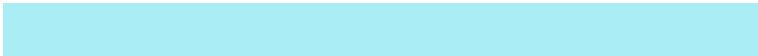
B5965B

Sweetspot

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



00AABD



ABEDF5



00BD13



4E767A



FAFAFA



7A7A7A

Same Dimension

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



00AABD



00DCF5



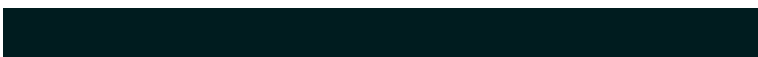
004CBD



555D5E



008E9E



001C1F

Inverse Universe

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



BD00AA



F500DC



BD7100



5E555D



9E008E



1F001C

Previews

White Background



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

Color Contrast Check

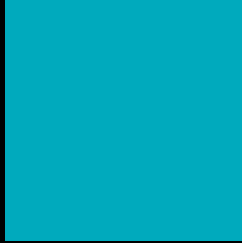
Large Text (above 18pt) WCAG AA × Fail

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 00AABD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

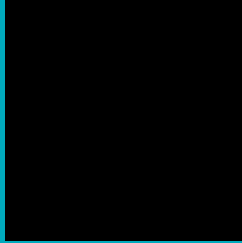
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

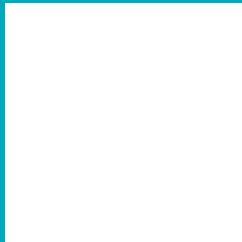
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00AABD Background



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

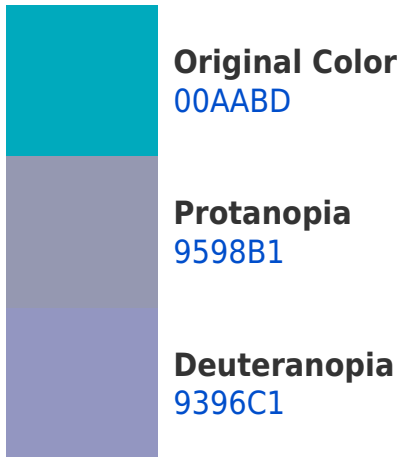


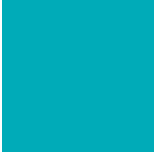
This preview shows how white text looks on a background with the Hex color 00AABD.

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
00ABB8

Trichromacy



Original Color
00AABD



Protanomaly
5F9FB5



Deuteranomaly
5E9DC0



Tritanomaly
00ABBA

Monochromacy



Original Color
00AABD



Achromatopsia
797979



Achromatomaly
4D8B92

CSS Examples

Text

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

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

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 #00AABD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor