

Converting Colors

Hex(00A6AB)

Have a look what the booklet for
Hex(00A6AB) contains.

Hex(00A6AB)	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(00A6AB)

Conversions

Conversions Part 1

Format	Color
Hex	00A6AB
RGB	0, 166, 171
RGB Percent	0%, 65%, 67%
CMY	1.0000, 0.3490, 0.3294
CMYK	1.00, 0.03, 0.00, 0.33
HSL	182°, 100%, 34%
HSV	182°, 100%, 67%
XYZ	20.9869, 30.2127, 43.2536
YIQ	116.9360, -100.5410, -33.6370

Conversions

Conversions Part 2

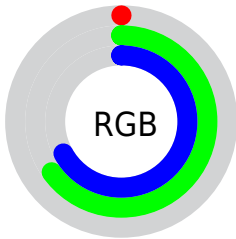
Format	Color
RYB	0, 84, 171
Decimal	42667
CIELab	61.84, -33.30, -12.82
CIELCh	62, 35.680, 201.058
Yxy	30.2127, 0.2222, 0.3199
Android (android.graphics.Color)	4278232747 (0xFF00A6AB)
YUV	116.9360, 26.6536, -102.5529
Hunter-Lab	54.9661, -28.0366, -8.1799

Details

The Hex color **00A6AB** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AB0500**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **60DEE2**, and **007177** is the 20% darker color. If you saturate the color by 10%, you get **00A6AB**, and if you desaturate by 10%, it is **11A6AB**.

Distribution



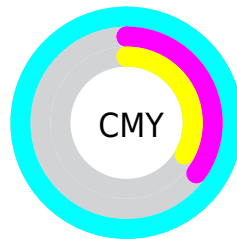
- Red (0%)
- Green (65%)
- Blue (67%)



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



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A6AB 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 00A6AB by changing the saturation by 10% instead.

 00A6AB

 00A6AB

FFFFFF

 008B91

 60DEE2

 007177

 7FFAFF

 00585E

 9DFFFF

 004047

 BCFFFF

 002A30

 DAFFFF

 000E1C

 F9FFFF

 000000

 00A6AB

 11A6AB

 22A7AB

 33A7AB

 44A8AB

 55A8AB

 67A9AB

 78A9AB

 89AAAB

 9AAAAB

Harmonies

Analogous

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



44A68B



00A6AB



0BA3C6

Triad

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



00A6AB



B485BD



B29057

Complementary

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



00A6AB



AB0500

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.



C98565



00A6AB



CC7DA0

Square

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



00A6AB



8B91D0



D37E80



939A59

Rectangle

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



00A6AB



409ED1



D37E80



BB8D5A

Sweetspot

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



00A6AB



9BDCDE



00AB03



486F70



F0F0F0



707070

Same Dimension

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



00A6AB



00D7DE



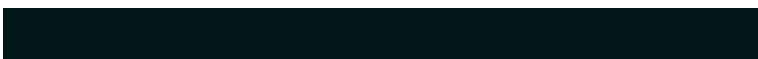
0053AB



4E5657



009296



001617

Inverse Universe

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



AB00A6



DE00D7



AB5800



574E56



960092



170016

Previews

White Background



This preview shows how the Hex color 00A6AB 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 00A6AB 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 00A6AB Background



This preview shows how black text looks on a background with the Hex color 00A6AB.

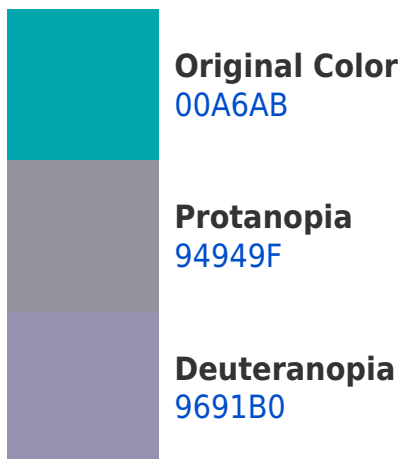


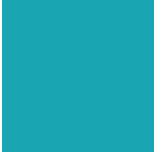
This preview shows how white text looks on a background with the Hex color 00A6AB.

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
19A5B2

Trichromacy



Original Color
00A6AB



Protanomaly
5E9BA3



Deuteranomaly
5F99AE



Tritanomaly
10A5AF

Monochromacy



Original Color
00A6AB



Achromatopsia
757575



Achromatomaly
4A8789

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A6AB 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 #00A6AB looks like.

```
.text, #text, p{  
    color:#00A6AB  
}
```

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 #00A6AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A6AB
}
```

Border

The CSS property to change the border of an element to Hex 00A6AB 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
#00A6AB }
```

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

```
.border{ border-color:#00A6AB }
```

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

Here you see how a box with a 4 pixel #00A6AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A6AB; -webkit-box-shadow:4px 4px  
4px 4px #00A6AB; box-shadow:4px 4px 4px  
4px #00A6AB }
```

Background

The CSS property to change the background color of an element to Hex 00A6AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A6AB }
```

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

```
.background{ background-color:#00A6AB }
```

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