

# Converting Colors

Hex(00A7AD)

Have a look what the booklet for  
Hex(00A7AD) contains.

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# Color

Hex(00A7AD)

# Conversions

## Conversions Part 1

Format	Color
Hex	00A7AD
RGB	0, 167, 173
RGB Percent	0%, 65%, 68%
CMY	1.0000, 0.3451, 0.3216
CMYK	1.00, 0.03, 0.00, 0.32
HSL	182°, 100%, 34%
HSV	182°, 100%, 68%
XYZ	21.3615, 30.6546, 44.3262
YIQ	117.7510, -101.4580, -33.5380

# Conversions

## Conversions Part 2

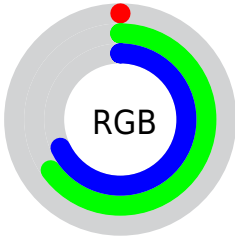
Format	Color
<a href="#">RYB</a>	<a href="#">0, 85, 173</a>
Decimal	<a href="#">42925</a>
CIELab	<a href="#">62.21, -33.14, -13.37</a>
CIELCh	<a href="#">62, 35.735, 201.980</a>
Yxy	<a href="#">30.6546, 0.2217, 0.3182</a>
Android (android.graphics.Color)	<a href="#">4278233005</a> ( <a href="#">0xFF00A7AD</a> )
YUV	<a href="#">117.7510, 27.2378, -103.2676</a>
Hunter-Lab	<a href="#">55.3666, -28.0226, -8.7107</a>

# Details

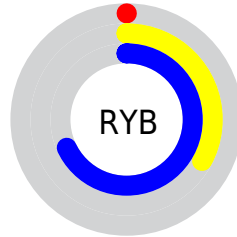
The Hex color **00A7AD** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AD0600**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **60DFE4**, and **007279** is the 20% darker color. If you saturate the color by 10%, you get **00A7AD**, and if you desaturate by 10%, it is **11A8AD**.

# Distribution



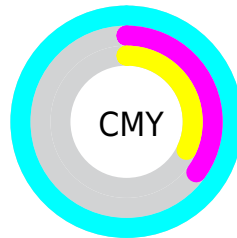
- Red (0%)
- Green (65%)
- Blue (68%)



- Red (0%)
- Yellow (33%)
- Blue (68%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (35%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A7AD 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 00A7AD by changing the saturation by 10% instead.



 00A7AD

 00A7AD

FFFFFF

 008C92

 60DFE4

 007279

 80FBFF

 005960

 9EFFFF

 004148

 BCFFFF

 002B32

 DBFFFF

 00101D

 F9FFFF

 000000

 00A7AD

 11A8AD

■ 23A8AD

■ 34A9AD

■ 45A9AD

■ 57AAAD

■ 68ABAD

■ 79ABAD

■ 8AACAD

■ 9CACAD

# Harmonies

## Analogous

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



44A78C



00A7AD



12A4C7

# Triad

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



00A7AD



B686BE



B39257

# Complementary

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



00A7AD



AD0600

# 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.



CA8766



00A7AD



CE7EA0

# Square

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



00A7AD



8D91D1



D47F80



939C5A

# Rectangle

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



00A7AD



439FD2



D47F80



BB8E5A



# Sweetspot

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



00A7AD



9DDEE0



00AD06



486F70



F0F0F0



707070



# Same Dimension

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



00A7AD



00D9E0



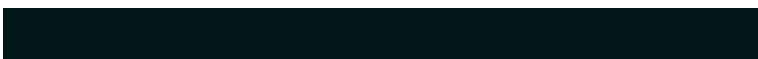
0051AD



4E5657



009196



001617



# Inverse Universe

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



AD00A7



E000D9



AD5C00



574E56



960091



170016



# Previews

## White Background



This preview shows how the Hex color 00A7AD looks on a white background.

## Color Contrast Check

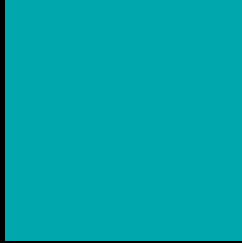
Large Text (above 18pt) WCAG AA × Fail

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 00A7AD 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 00A7AD Background



This preview shows how black text looks on a background with the Hex color 00A7AD.



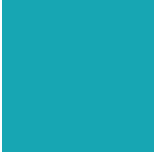
This preview shows how white text looks on a background with the Hex color 00A7AD.

# 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**  
17A6B3

# Trichromacy



**Original Color**  
00A7AD



**Protanomaly**  
5F9BA5



**Deuteranomaly**  
5F9AB0



**Tritanomaly**  
0FA6B1

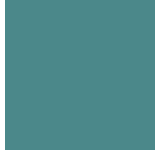
# Monochromacy



**Original Color**  
00A7AD



**Achromatopsia**  
767676



**Achromatomaly**  
4B888A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A7AD 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 #00A7AD looks like.

```
.text, #text, p{  
    color:#00A7AD  
}
```

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 #00A7AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A7AD
}
```

## Border

The CSS property to change the border of an element to Hex 00A7AD 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
#00A7AD }
```

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

```
.border{ border-color:#00A7AD }
```

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

Here you see how a box with a 4 pixel #00A7AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A7AD; -webkit-box-shadow:4px 4px  
4px 4px #00A7AD; box-shadow:4px 4px 4px  
4px #00A7AD }
```

# Background

The CSS property to change the background color of an element to Hex 00A7AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A7AD }
```

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

```
.background{ background-color:#00A7AD }
```

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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