

# Converting Colors

Hex(03A6AD)

Have a look what the booklet for  
Hex(03A6AD) contains.

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**Color**

**Hex(03A6AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03A6AD
RGB	3, 166, 173
RGB Percent	1%, 65%, 68%
CMY	0.9882, 0.3490, 0.3216
CMYK	0.98, 0.04, 0.00, 0.32
HSL	182°, 97%, 35%
HSV	182°, 98%, 68%
XYZ	21.2166, 30.3089, 44.2671
YIQ	118.0610, -99.3950, -32.3790

# Conversions

## Conversions Part 2

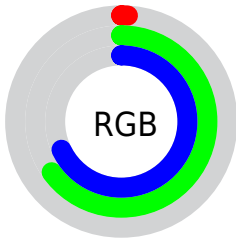
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">3, 86, 173</a>
Decimal	<a href="#">239277</a>
CIELab	<a href="#">61.92, -32.55, -13.82</a>
CIELCh	<a href="#">62, 35.365, 202.998</a>
Yxy	<a href="#">30.3089, 0.2215, 0.3164</a>
Android (android.graphics.Color)	<a href="#">4278429357</a> ( <a href="#">0xFF03A6AD</a> )
YUV	<a href="#">118.0610, 27.0849, -100.9085</a>
Hunter-Lab	<a href="#">55.0535, -27.5532, -9.1361</a>

# Details

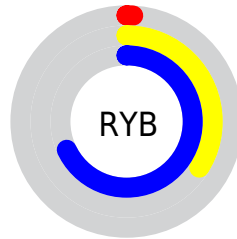
The Hex color **03A6AD** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AD0A03**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **60DEE4**, and **007179** is the 20% darker color. If you saturate the color by 10%, you get **00A6AD**, and if you desaturate by 10%, it is **14A7AD**.

# Distribution



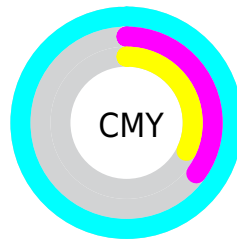
- Red (1%)
- Green (65%)
- Blue (68%)



- Red (1%)
- Yellow (34%)
- Blue (68%)



- Cyan (98%)
- Magenta (4%)
- Yellow (0%)
- Black (32%)




- Cyan (99%)
- Magenta (35%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03A6AD 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 03A6AD by changing the saturation by 10% instead.



 03A6AD

 03A6AD

FFFFFF

 008B92

 60DEE4

 007179

 80FAFF

 005860

 9EFFFF

 004048

 BDFFFF

 002A32

 DBFFFF

 000E1D

 F9FFFF

 000000

 03A6AD

 03A6AD

 00A6AD

 14A7AD

 26A7AD

 37A8AD

 48A9AD

 5AAAAD

 6BAAAD

 7CABAD

 8DACAD

 9FACAD

# Harmonies

## Analogous

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



42A68D



03A6AD



19A2C7

# Triad

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



03A6AD



B685BC



B19157

# Complementary

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



03A6AD



AD0A03

# 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.



C88665



03A6AD



CD7E9E

# Square

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



03A6AD



8E90CF



D27E7F



929B5B

# Rectangle

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



03A6AD



469ED1



D27E7F



B98E5A



# Sweetspot

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



03A6AD



9FDDE0



03AD09



496F70



F0F0F0



707070



# Same Dimension

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



03A6AD



00D7E0



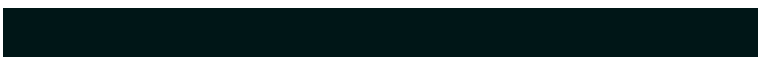
0352AD



4E5657



009096



001617



# Inverse Universe

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



AD03A6



E000D7



AD5E03



574E56



960090



170016



# Previews

## White Background



This preview shows how the Hex color 03A6AD looks on a white background.

## Color Contrast Check

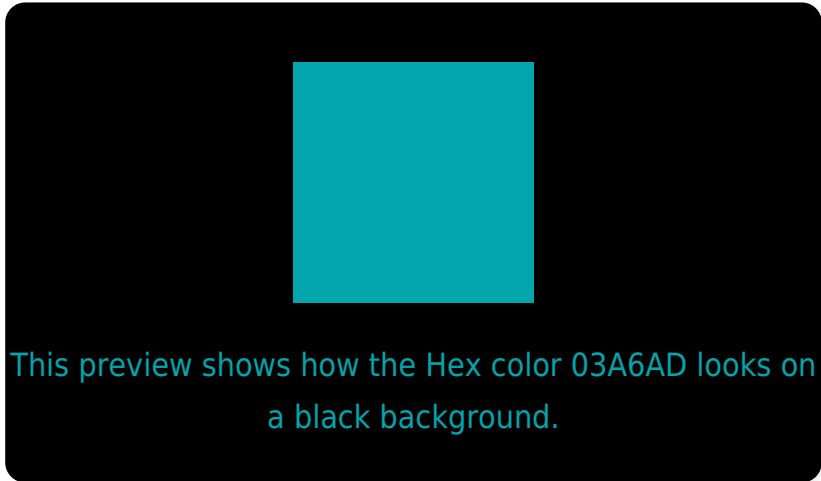
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

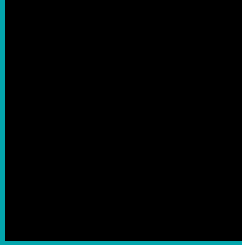
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 03A6AD Background



This preview shows how black text looks on a background with the Hex color 03A6AD.

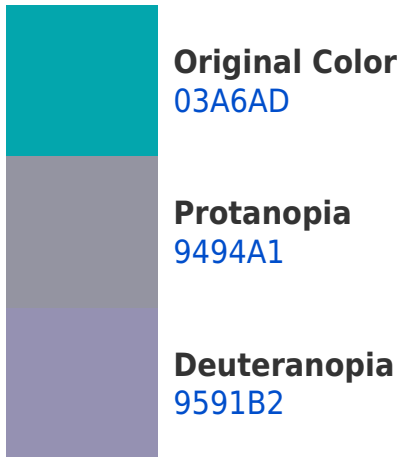


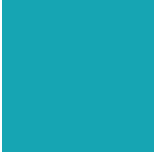
This preview shows how white text looks on a background with the Hex color 03A6AD.

# 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**  
16A5B3

# Trichromacy



**Original Color**  
03A6AD



**Protanomaly**  
5F9BA5



**Deuteranomaly**  
6099B0



**Tritanomaly**  
0FA5B1

# Monochromacy



**Original Color**  
03A6AD



**Achromatopsia**  
767676



**Achromatomaly**  
4C878A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03A6AD 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 #03A6AD looks like.

```
.text, #text, p{  
  color:#03A6AD  
}
```

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 #03A6AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03A6AD
}
```

## Border

The CSS property to change the border of an element to Hex 03A6AD 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
#03A6AD }
```

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

```
.border{ border-color:#03A6AD }
```

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

Here you see how a box with a 4 pixel #03A6AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03A6AD; -webkit-box-shadow:4px 4px  
4px 4px #03A6AD; box-shadow:4px 4px 4px  
4px #03A6AD }
```

# Background

The CSS property to change the background color of an element to Hex 03A6AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03A6AD }
```

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

```
.background{ background-color:#03A6AD }
```

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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