

# Converting Colors

Hex(03AE96)

Have a look what the booklet for  
Hex(03AE96) contains.

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**Color**

**Hex(03AE96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03AE96
RGB	3, 174, 150
RGB Percent	1%, 68%, 59%
CMY	0.9882, 0.3176, 0.4118
CMYK	0.98, 0.00, 0.14, 0.32
HSL	172°, 97%, 35%
HSV	172°, 98%, 68%
XYZ	20.6786, 32.4935, 34.0362
YIQ	120.1350, -94.2120, -43.7160

# Conversions

## Conversions Part 2

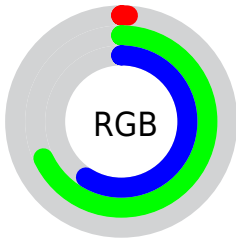
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">3, 95, 174</a>
Decimal	<a href="#">241302</a>
CIELab	<a href="#">63.75, -43.02, 1.76</a>
CIELCh	<a href="#">64, 43.059, 177.653</a>
Yxy	<a href="#">32.4935, 0.2371, 0.3726</a>
Android (android.graphics.Color)	<a href="#">4278431382</a> ( <a href="#">0xFF03AE96</a> )
YUV	<a href="#">120.1350, 14.7234, -102.7274</a>
Hunter-Lab	<a href="#">57.0030, -35.0020, 4.5005</a>

# Details

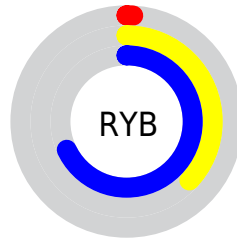
The Hex color **03AE96** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AE031B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **5FE6CC**, and **007863** is the 20% darker color. If you saturate the color by 10%, you get **00AE96**, and if you desaturate by 10%, it is **14AE98**.

# Distribution



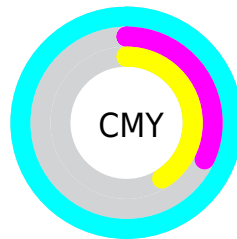
- Red (1%)
- Green (68%)
- Blue (59%)



- Red (1%)
- Yellow (37%)
- Blue (68%)



- Cyan (98%)
- Magenta (0%)
- Yellow (14%)
- Black (32%)



- Cyan (99%)
- Magenta (32%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03AE96 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 03AE96 by changing the saturation by 10% instead.



 03AE96

 03AE96

FFFFFF

 00937C

 5FE6CC

 007863

 7FFFE8

 005F4C

 9DFFFF

 004635

 BBFFFF

 002F20

 D9FFFF

 001609

 F8FFFF

 000000

 03AE96

 03AE96

 00AE96

 14AE98

 26AE9B

 37AE9D

 49AEA0

 5AAEA2

 6BAEA5

 7DAEA7

 8EAEAA

 A0AEAC

# Harmonies

## Analogous

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



5FAA70



03AE96



00AEBD

# Triad

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



03AE96



9992DE



D2895A

# Complementary

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



03AE96



AE031B

# 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.



E27E79



03AE96



C783C4

# Square

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



03AE96



539FE7



E07B9F



B5974C

# Rectangle

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



03AE96



00ABD2



E07B9F



D98563



# Sweetspot

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



03AE96



A1E3DA



1DAE03



4B736D



F2F2F2



737373



# Same Dimension

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



03AE96



00E3C3



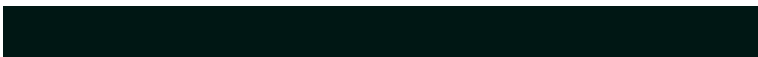
0372AE



4E5755



009681



001714



# Inverse Universe

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



AE031B



E30020



AE3F03



574E4F



960015



170003



# Previews

## White Background



This preview shows how the Hex color 03AE96 looks on a white background.

## Color Contrast Check

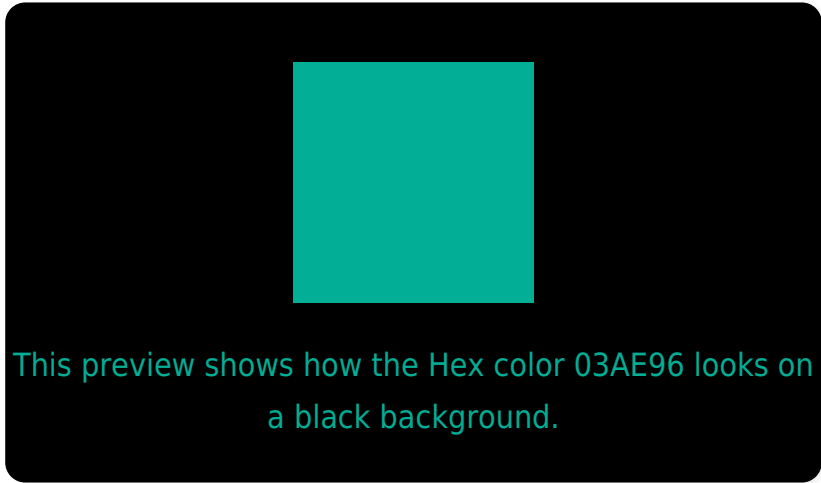
Large Text (above 18pt) WCAG AA × Fail

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

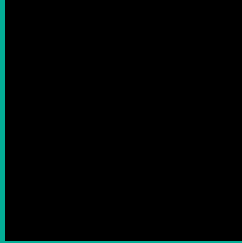
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 03AE96 Background



This preview shows how black text looks on a background with the Hex color 03AE96.

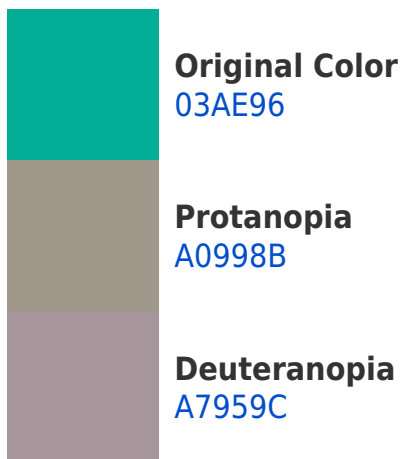


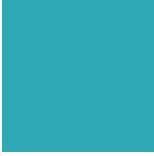
This preview shows how white text looks on a background with the Hex color 03AE96.

# 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**  
30A9B7

# Trichromacy



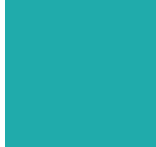
**Original Color**  
03AE96



**Protanomaly**  
67A18F



**Deuteranomaly**  
6B9E9A



**Tritanomaly**  
20ABAB

# Monochromacy



**Original Color**  
03AE96



**Achromatopsia**  
787878



**Achromatomaly**  
4D8C83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03AE96 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 #03AE96 looks like.

```
.text, #text, p{  
    color:#03AE96  
}
```

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 #03AE96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03AE96
}
```

## Border

The CSS property to change the border of an element to Hex 03AE96 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
#03AE96 }
```

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

```
.border{ border-color:#03AE96 }
```

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

Here you see how a box with a 4 pixel #03AE96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03AE96; -webkit-box-shadow:4px 4px  
4px 4px #03AE96; box-shadow:4px 4px 4px  
4px #03AE96 }
```

# Background

The CSS property to change the background color of an element to Hex 03AE96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03AE96 }
```

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

```
.background{ background-color:#03AE96 }
```

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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