

# Converting Colors

Hex(03AC7B)

Have a look what the booklet for  
Hex(03AC7B) contains.

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**Color**

**Hex(03AC7B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03AC7B
RGB	3, 172, 123
RGB Percent	1%, 67%, 48%
CMY	0.9882, 0.3255, 0.5176
CMYK	0.98, 0.00, 0.28, 0.33
HSL	163°, 97%, 34%
HSV	163°, 98%, 67%
XYZ	18.3652, 30.9545, 23.7458
YIQ	115.8830, -84.9950, -51.0670

# Conversions

## Conversions Part 2

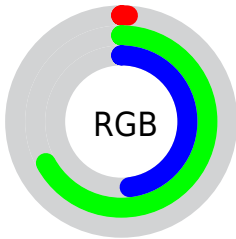
Format	Color
<b>RYB</b>	<b>3, 102, 172</b>
Decimal	240763
CIELab	62.47, -49.17, 14.91
CIELCh	62, 51.378, 163.134
Yxy	30.9545, 0.2514, 0.4237
Android (android.graphics.Color)	4278430843 (0xFF03AC7B)
YUV	115.8830, 3.5087, -98.9984
Hunter-Lab	55.6367, -38.4429, 13.6408

# Details

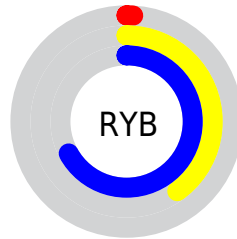
The Hex color **03AC7B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC0334**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5DE4B0**, and **00764A** is the 20% darker color. If you saturate the color by 10%, you get **00AC7A**, and if you desaturate by 10%, it is **14AC80**.

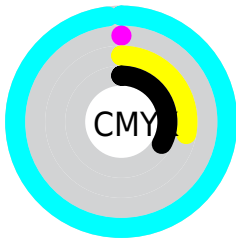
# Distribution



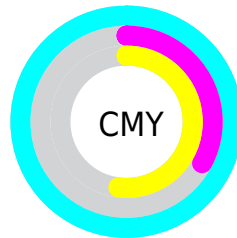
- Red (1%)
- Green (67%)
- Blue (48%)



- Red (1%)
- Yellow (40%)
- Blue (67%)



- Cyan (98%)
- Magenta (0%)
- Yellow (28%)
- Black (33%)



- Cyan (99%)
- Magenta (33%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03AC7B 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 03AC7B by changing the saturation by 10% instead.



 03AC7B

 03AC7B

FFFFFF

 009162

 5DE4B0

 00764A

 7CFFCB

 005D33

 9AFFE7

 00441E

 B8FFFF

 002E06

 D6FFFF

 001000

 F4FFFF

 000000

 03AC7B

 03AC7B

 00AC7A

 14AC80

 25AC85

 37AC8A

 48AC8F

 59AC94

 6AAC99

 7BAC9E

 8DACA3

 9EACA8

# Harmonies

## Analogous

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



6BA651



03AC7B



00AEAA

# Triad

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



03AC7B



6B95F0



E27A5B

# Complementary

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



03AC7B



AC0334

# 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.



EC6F85



03AC7B



B483DA

# Square

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



03AC7B



00A3EE



DE73B3



C68B3D

# Rectangle

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



03AC7B



00ADC8



DE73B3



E87568



# Sweetspot

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



03AC7B



9FE0CE



36AC03



497065



F0F0F0



707070



# Same Dimension

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



03AC7B



00E09F



038AAC



4E5754



00966B



001710



# Inverse Universe

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



AC0334



E00041



AC2503



574E51



96002C



170007



# Previews

## White Background



This preview shows how the Hex color 03AC7B 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 03AC7B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

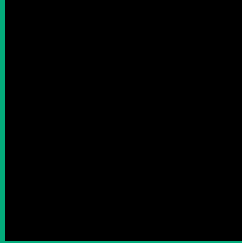
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 03AC7B Background



This preview shows how black text looks on a background with the Hex color 03AC7B.



This preview shows how white text looks on a background with the Hex color 03AC7B.

# 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



**Original Color**  
03AC7B

**Protanopia**  
A19671

**Deuteranopia**  
AC9081



**Tritanopia**  
39A5B2

# Trichromacy



**Original Color**  
03AC7B



**Protanomaly**  
689E75



**Deuteranomaly**  
6F9A7F



**Tritanomaly**  
25A89E

# Monochromacy



**Original Color**  
03AC7B



**Achromatopsia**  
747474



**Achromatomaly**  
4B8877

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03AC7B 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 #03AC7B looks like.

```
.text, #text, p{  
    color:#03AC7B  
}
```

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 #03AC7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03AC7B
}
```

## Border

The CSS property to change the border of an element to Hex 03AC7B 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
#03AC7B }
```

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

```
.border{ border-color:#03AC7B }
```

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

Here you see how a box with a 4 pixel #03AC7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03AC7B; -webkit-box-shadow:4px 4px  
4px 4px #03AC7B; box-shadow:4px 4px 4px  
4px #03AC7B }
```

# Background

The CSS property to change the background color of an element to Hex 03AC7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03AC7B }
```

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

```
.background{ background-color:#03AC7B }
```

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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