

# Converting Colors

Hex(00A177)

Have a look what the booklet for  
Hex(00A177) contains.

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# Color

**Hex(00A177)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00A177
RGB	0, 161, 119
RGB Percent	0%, 63%, 47%
CMY	1.0000, 0.3686, 0.5333
CMYK	1.00, 0.00, 0.26, 0.37
HSL	164°, 100%, 32%
HSV	164°, 100%, 63%
XYZ	16.0746, 26.8216, 21.7826
YIQ	108.0730, -82.4740, -47.1940

# Conversions

## Conversions Part 2

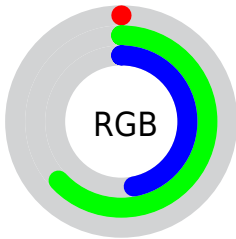
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 93, 161
Decimal	41335
CIELab	58.81, -45.95, 12.01
CIELCh	59, 47.490, 165.352
Yxy	26.8216, 0.2485, 0.4147
Android (android.graphics.Color)	4278231415 (0xFF00A177)
YUV	108.0730, 5.3870, -94.7800
Hunter-Lab	51.7896, -35.2284, 11.3154

# Details

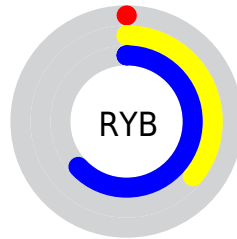
The Hex color **00A177** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A1002A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **59D9AB**, and **006C47** is the 20% darker color. If you saturate the color by 10%, you get **00A177**, and if you desaturate by 10%, it is **10A17B**.

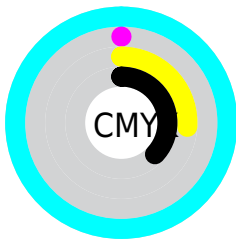
# Distribution



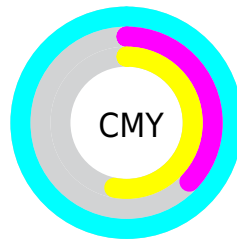
- Red (0%)
- Green (63%)
- Blue (47%)



- Red (0%)
- Yellow (36%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A177 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 00A177 by changing the saturation by 10% instead.



 00A177

 00A177

FFFFFF

 00865E

 59D9AB

 006C47

 78F6C7

 005330

 95FFE3

 003A1B

 B3FFFF

 002501

 D1FFFF

 000000

 EFFFFFF

 00A177

 10A17B

 20A17F

 30A184

 40A188

 51A18C

 61A190

 71A194

 81A199

 91A19D

# Harmonies

## Analogous

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



629C50



00A177



00A2A2

# Triad

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



00A177



6D8BDE



D17454

# Complementary

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



00A177



A1002A

# 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.



DB6A7A



00A177



AC7AC8

# Square

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



00A177



0098DE



D06CA4



B7843B

# Rectangle

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



00A177



00A1BD



D06CA4



D7705F



# Sweetspot

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



00A177



92D1C1



2BA100



43695F



E8E8E8



696969

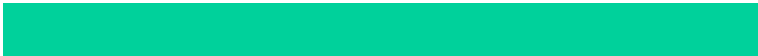


# Same Dimension

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



00A177



00D19B



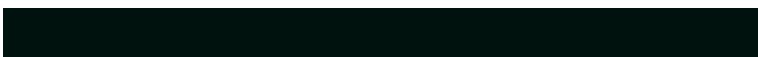
007BA1



49524F



00916B



00120D



# Inverse Universe

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



A1002A



D10037



A12600



52494C



910026



120005



# Previews

## White Background



This preview shows how the Hex color 00A177 looks on a white background.

## Color Contrast Check

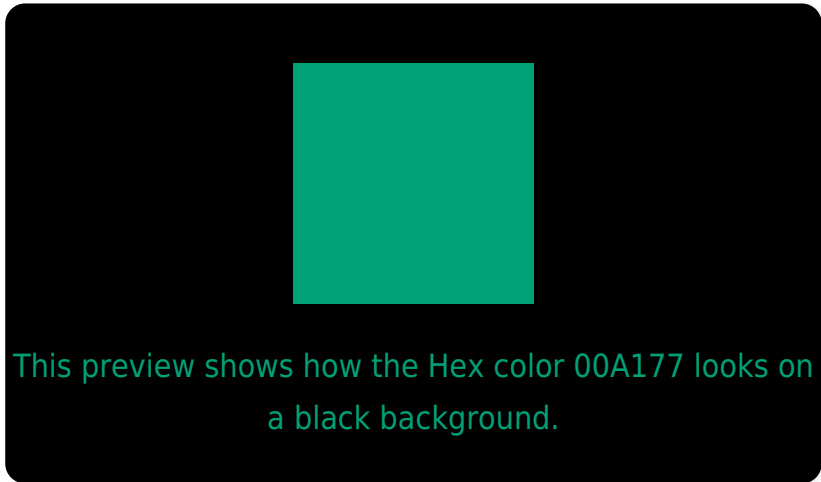
Large Text (above 18pt) WCAG AA ✓ Pass

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

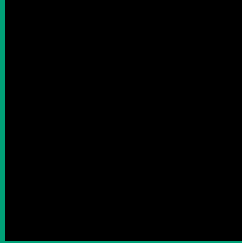
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 00A177 Background



This preview shows how black text looks on a background with the Hex color 00A177.

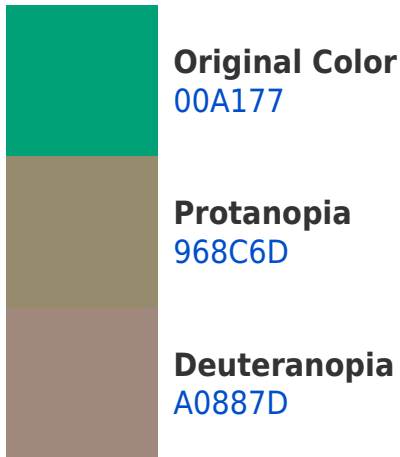


This preview shows how white text looks on a background with the Hex color 00A177.

# 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**  
349BA7

# Trichromacy



**Original Color**  
00A177



**Protanomaly**  
5F9471



**Deuteranomaly**  
66917B



**Tritanomaly**  
219D96

# Monochromacy



**Original Color**  
00A177



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
457F70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A177 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 #00A177 looks like.

```
.text, #text, p{  
    color:#00A177  
}
```

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 #00A177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A177
}
```

## Border

The CSS property to change the border of an element to Hex 00A177 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
#00A177 }
```

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

```
.border{ border-color:#00A177 }
```

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

Here you see how a box with a 4 pixel #00A177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A177; -webkit-box-shadow:4px 4px  
4px 4px #00A177; box-shadow:4px 4px 4px  
4px #00A177 }
```

# Background

The CSS property to change the background color of an element to Hex 00A177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A177 }
```

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

```
.background{ background-color:#00A177 }
```

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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