

# Converting Colors

Hex(00A47E)

Have a look what the booklet for  
Hex(00A47E) contains.

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# Color

Hex(00A47E)

# Conversions

## Conversions Part 1

Format	Color
Hex	00A47E
RGB	0, 164, 126
RGB Percent	0%, 64%, 49%
CMY	1.0000, 0.3569, 0.5059
CMYK	1.00, 0.00, 0.23, 0.36
HSL	166°, 100%, 32%
HSV	166°, 100%, 64%
XYZ	17.0414, 28.0573, 24.2561
YIQ	110.6320, -85.5460, -46.5860

# Conversions

## Conversions Part 2

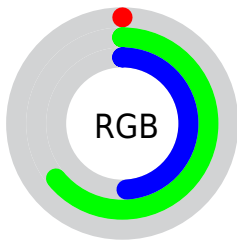
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 93, 164
Decimal	42110
CIELab	59.94, -45.39, 9.69
CIELCh	60, 46.411, 167.948
Yxy	28.0573, 0.2457, 0.4045
Android (android.graphics.Color)	4278232190 (0xFF00A47E)
YUV	110.6320, 7.5764, -97.0243
Hunter-Lab	52.9691, -35.2685, 9.9278

# Details

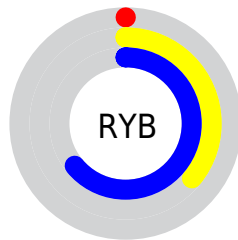
The Hex color **00A47E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A40026**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5BDCB3**, and **006F4D** is the 20% darker color. If you saturate the color by 10%, you get **00A47E**, and if you desaturate by 10%, it is **10A482**.

# Distribution



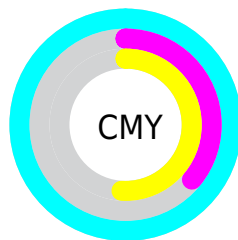
- Red (0%)
- Green (64%)
- Blue (49%)



- Red (0%)
- Yellow (36%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A47E 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 00A47E by changing the saturation by 10% instead.



 00A47E

 00A47E


FFFFFF

 008965

 5BDCB3

 006F4D

 79F9CE

 005636

 97FFEA

 003D21

 B5FFFF

 00280B

 D3FFFF

 000000

 F1FFFF

 00A47E

 10A482

 21A486

 31A489

 42A48D

 52A491

 62A495

 73A499

 83A49C

 94A4A0

# Harmonies

## Analogous

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



619F58



00A47E



00A5A8

# Triad

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



00A47E



788CDE



D27955

# Complementary

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



00A47E



A40026

# 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.



DD6F79



00A47E



B27CC8

# Square

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



00A47E



009AE0



D470A3



B6883F

# Rectangle

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



00A47E



00A3C2



D470A3



D87560



# Sweetspot

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



00A47E



96D6C7



26A400



456B62



EBEBEB



6B6B6B

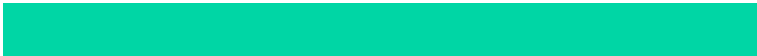


# Same Dimension

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



00A47E



00D6A5



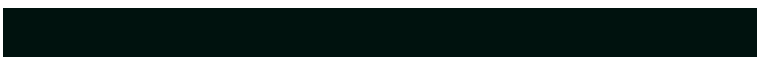
0078A4



495250



009170



00120E



# Inverse Universe

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



A40026



D60032



A42C00



52494B



910022



120004



# Previews

## White Background



This preview shows how the Hex color 00A47E 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



This preview shows how the Hex color 00A47E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

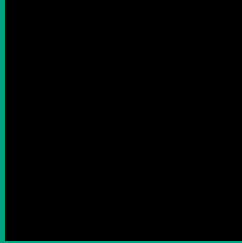
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 00A47E Background



This preview shows how black text looks on a background with the Hex color 00A47E.

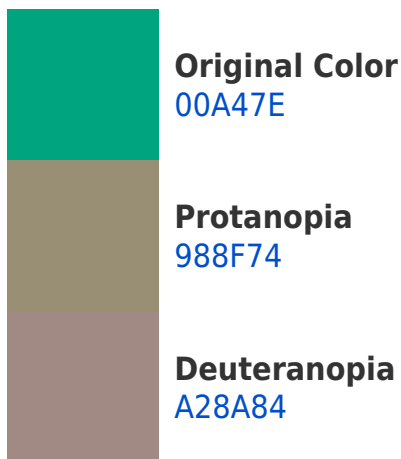


This preview shows how white text looks on a background with the Hex color 00A47E.

# 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**  
339EAB

# Trichromacy



**Original Color**  
00A47E



**Protanomaly**  
619778



**Deuteranomaly**  
679382



**Tritanomaly**  
20A09B

# Monochromacy



**Original Color**  
00A47E



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
478274

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A47E 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 #00A47E looks like.

```
.text, #text, p{  
    color:#00A47E  
}
```

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 #00A47E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A47E
}
```

## Border

The CSS property to change the border of an element to Hex 00A47E 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
#00A47E }
```

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

```
.border{ border-color:#00A47E }
```

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

Here you see how a box with a 4 pixel #00A47E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A47E; -webkit-box-shadow:4px 4px  
4px 4px #00A47E; box-shadow:4px 4px 4px  
4px #00A47E }
```

# Background

The CSS property to change the background color of an element to Hex 00A47E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A47E }
```

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

```
.background{ background-color:#00A47E }
```

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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