

# Converting Colors

Hex(00A273)

Have a look what the booklet for  
Hex(00A273) contains.

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**Color**

**Hex(00A273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A273
RGB	0, 162, 115
RGB Percent	0%, 64%, 45%
CMY	1.0000, 0.3647, 0.5490
CMYK	1.00, 0.00, 0.29, 0.36
HSL	163°, 100%, 32%
HSV	163°, 100%, 64%
XYZ	16.0148, 27.0785, 20.6023
YIQ	108.2040, -81.4650, -48.9610

# Conversions

## Conversions Part 2

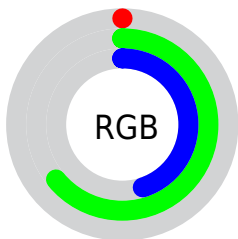
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 95, 162
Decimal	41587
CIELab	59.05, -47.32, 14.57
CIELCh	59, 49.508, 162.883
Yxy	27.0785, 0.2514, 0.4251
Android (android.graphics.Color)	4278231667 (0xFF00A273)
YUV	108.2040, 3.3504, -94.8949
Hunter-Lab	52.0370, -36.1297, 12.9520

# Details

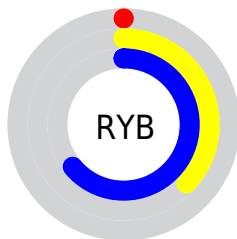
The Hex color **00A273** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A2002F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **59DAA7**, and **006D43** is the 20% darker color. If you saturate the color by 10%, you get **00A273**, and if you desaturate by 10%, it is **10A278**.

# Distribution



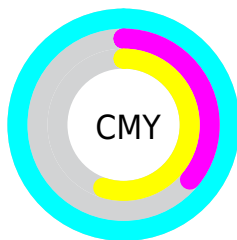
- Red (0%)
- Green (64%)
- Blue (45%)



- Red (0%)
- Yellow (37%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A273 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 00A273 by changing the saturation by 10% instead.



 00A273

 00A273

FFFFFF

 00875A

 59DAA7

 006D43

 78F7C2

 00542C

 96FFDE

 003B17

 B3FFFB

 002500

 D1FFFF

 000000

 EFFFFFFF

 00A273

 10A278

 20A27C

 31A281

 41A286

 51A28B

 61A28F

 71A294

 82A299

 92A29D

# Harmonies

## Analogous

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



649C4B



00A273



00A4A0

# Triad

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



00A273



638CE3



D67355

# Complementary

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



00A273



A2002F

# 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.



DF687D



00A273



A97BCE

# Square

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



00A273



009AE1



D16CA9



BB8339

# Rectangle

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



00A273



00A3BC



D16CA9



DB6E61



# Sweetspot

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



00A273



94D4C1



31A200



456B60



EBEBEB



6B6B6B



# Same Dimension

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



00A273



00D496



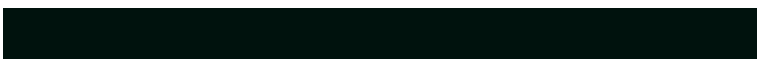
0082A2



49524F



009167



00120D



# Inverse Universe

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



A2002F



D4003D



A22000



52494C



91002A



120005



# Previews

## White Background



This preview shows how the Hex color 00A273 looks on a white background.

## Color Contrast Check

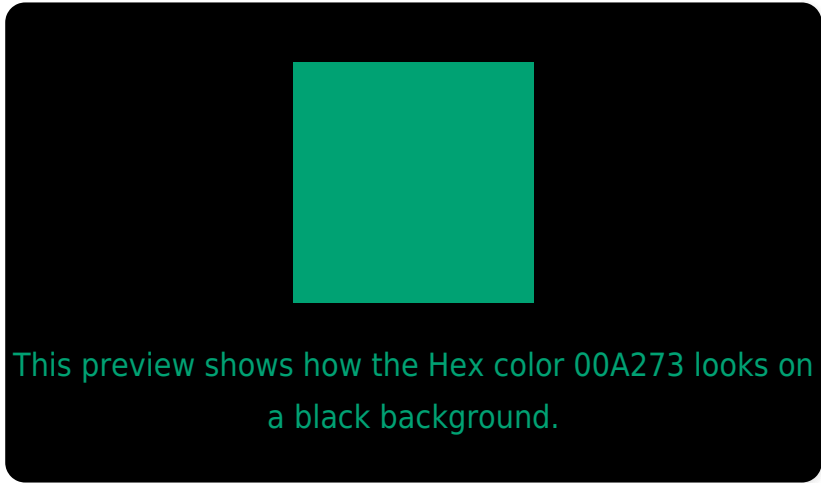
Large Text (above 18pt) WCAG AA ✓ Pass

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

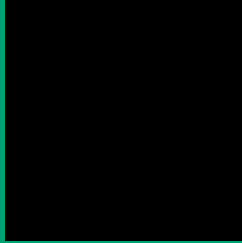
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 00A273 Background



This preview shows how black text looks on a background with the Hex color 00A273.

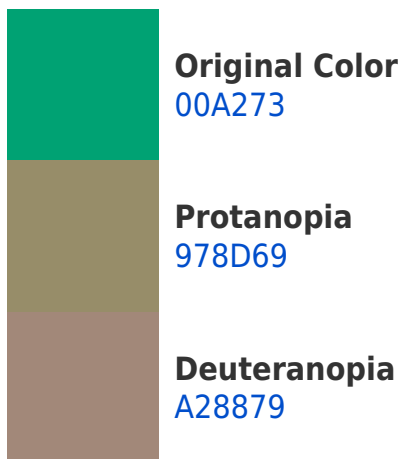


This preview shows how white text looks on a background with the Hex color 00A273.

# 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**  
369BA8

# Trichromacy



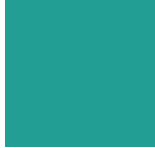
**Original Color**  
00A273



**Protanomaly**  
60956D



**Deuteranomaly**  
679177



**Tritanomaly**  
229E95

# Monochromacy



**Original Color**  
00A273



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
45806F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A273 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 #00A273 looks like.

```
.text, #text, p{  
    color:#00A273  
}
```

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 #00A273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A273
}
```

## Border

The CSS property to change the border of an element to Hex 00A273 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
#00A273 }
```

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

```
.border{ border-color:#00A273 }
```

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

Here you see how a box with a 4 pixel #00A273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A273; -webkit-box-shadow:4px 4px  
4px 4px #00A273; box-shadow:4px 4px 4px  
4px #00A273 }
```

# Background

The CSS property to change the background color of an element to Hex 00A273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A273 }
```

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

```
.background{ background-color:#00A273 }
```

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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