

Converting Colors

Hex(00A079)

Have a look what the booklet for
Hex(00A079) contains.

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Color

Hex(00A079)

Conversions

Conversions Part 1

Format	Color
Hex	00A079
RGB	0, 160, 121
RGB Percent	0%, 63%, 47%
CMY	1.0000, 0.3725, 0.5255
CMYK	1.00, 0.00, 0.24, 0.37
HSL	165°, 100%, 31%
HSV	165°, 100%, 63%
XYZ	16.0220, 26.5221, 22.3640
YIQ	107.7140, -82.8410, -46.0490

Conversions

Conversions Part 2

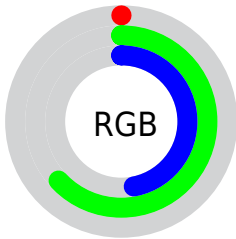
Format	Color
RYB	0, 91, 160
Decimal	41081
CIELab	58.53, -45.04, 10.50
CIELCh	59, 46.250, 166.883
Yxy	26.5221, 0.2468, 0.4086
Android (android.graphics.Color)	4278231161 (0xFF00A079)
YUV	107.7140, 6.5500, -94.4652
Hunter-Lab	51.4996, -34.5913, 10.3027

Details

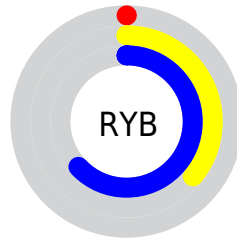
The Hex color **00A079** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A00027**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **59D8AD**, and **006B48** is the 20% darker color. If you saturate the color by 10%, you get **00A079**, and if you desaturate by 10%, it is **10A07D**.

Distribution



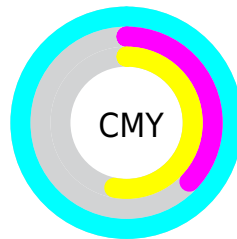
- Red (0%)
- Green (63%)
- Blue (47%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00A079 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 00A079 by changing the saturation by 10% instead.

 00A079

 00A079

FFFFFF

 008560

 59D8AD

 006B48

 78F5C9

 005232

 95FFE5

 003A1D

 B3FFFF

 002404

 D1FFFF

 000000

 EFFFFFF

 00A079

 10A07D

 20A081

 30A085

 40A089

 50A08C

 60A090

 70A094

 80A098

 90A09C

Harmonies

Analogous

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



609B53



00A079



00A1A3

Triad

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



00A079



7189DA



CE7553

Complementary

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



00A079



A00027

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.



D96B77



00A079



AD79C5

Square

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



00A079



0096DB



CF6CA0



B3843C

Rectangle

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



00A079



00A0BC



CF6CA0



D4715E

Sweetspot

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



00A079



92D1C2



28A000



43695F



E8E8E8



696969

Same Dimension

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



00A079



00D19E



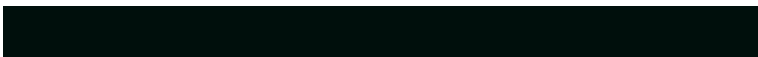
0078A0



474F4D



008F6C



000F0C

Inverse Universe

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



A00027



D10033



A02800



4F4749



8F0023



0F0004

Previews

White Background



This preview shows how the Hex color 00A079 looks on a white background.

Color Contrast Check

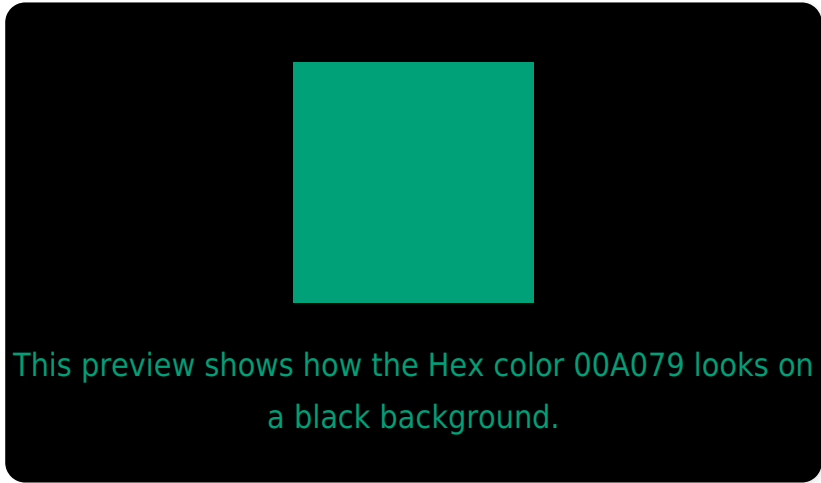
Large Text (above 18pt) WCAG AA ✓ Pass

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

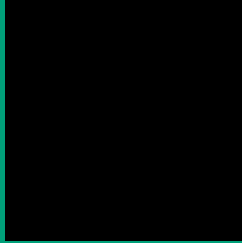
Any Text WCAG AA ✓ Pass

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 00A079 Background



This preview shows how black text looks on a background with the Hex color 00A079.

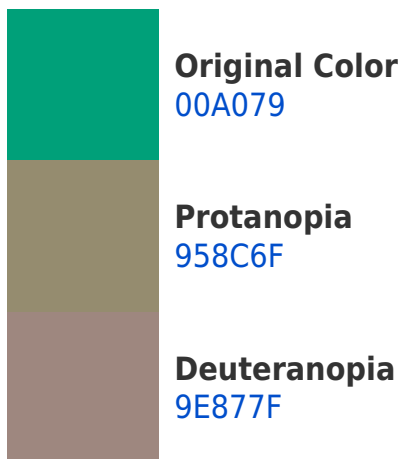


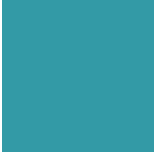
This preview shows how white text looks on a background with the Hex color 00A079.

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
339AA6

Trichromacy



Original Color
00A079



Protanomaly
5F9373



Deuteranomaly
65907D



Tritanomaly
209C96

Monochromacy



Original Color
00A079



Achromatopsia
6C6C6C



Achromatomaly
457F71

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A079 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 #00A079 looks like.

```
.text, #text, p{  
    color:#00A079  
}
```

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 #00A079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A079
}
```

Border

The CSS property to change the border of an element to Hex 00A079 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
#00A079 }
```

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

```
.border{ border-color:#00A079 }
```

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

Here you see how a box with a 4 pixel #00A079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A079; -webkit-box-shadow:4px 4px  
4px 4px #00A079; box-shadow:4px 4px 4px  
4px #00A079 }
```

Background

The CSS property to change the background color of an element to Hex 00A079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A079 }
```

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

```
.background{ background-color:#00A079 }
```

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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