

Converting Colors

Hex(00A078)

Have a look what the booklet for
Hex(00A078) contains.

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Color

Hex(00A078)

Conversions

Conversions Part 1

Format	Color
Hex	00A078
RGB	0, 160, 120
RGB Percent	0%, 63%, 47%
CMY	1.0000, 0.3725, 0.5294
CMYK	1.00, 0.00, 0.25, 0.37
HSL	165°, 100%, 31%
HSV	165°, 100%, 63%
XYZ	15.9610, 26.4977, 22.0426
YIQ	107.6000, -82.5200, -46.3600

Conversions

Conversions Part 2

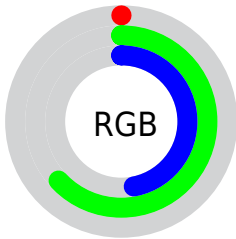
Format	Color
RYB	0, 91, 160
Decimal	41080
CIELab	58.51, -45.30, 11.02
CIELCh	59, 46.618, 166.321
Yxy	26.4977, 0.2475, 0.4108
Android (android.graphics.Color)	4278231160 (0xFF00A078)
YUV	107.6000, 6.1132, -94.3652
Hunter-Lab	51.4759, -34.7359, 10.6444

Details

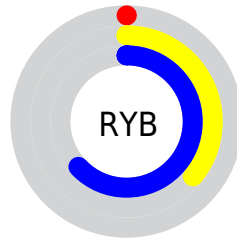
The Hex color **00A078** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A00028**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **59D8AC**, and **006B47** is the 20% darker color. If you saturate the color by 10%, you get **00A078**, and if you desaturate by 10%, it is **10A07C**.

Distribution



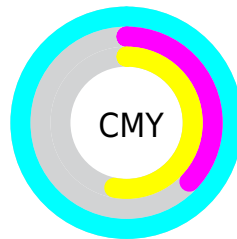
- Red (0%)
- Green (63%)
- Blue (47%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (37%)



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

Brightness & Saturation Gradients


These gradients show how the Hex color 00A078 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 00A078 by changing the saturation by 10% instead.

 00A078

 00A078

FFFFFF

 00855F

 59D8AC

 006B47

 78F5C8

 005231

 95FFE4

 003A1C

 B3FFFF

 002403

 D1FFFF

 000000

 EFFFFFF

 00A078

 10A07C

 20A080

 30A084

 40A088

 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.



609B52



00A078



00A1A2

Triad

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



00A078



6F89DB



CF7553

Complementary

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



00A078



A00028

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.



D96A78



00A078



AC79C5

Square

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



00A078



0096DC



CF6CA1



B4843B

Rectangle

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



00A078



00A0BC



CF6CA1



D4705E

Sweetspot

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



00A078



92D1C1



28A000



43695F



E8E8E8



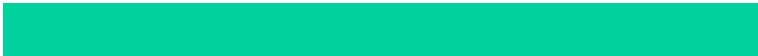
696969

Same Dimension

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



00A078



00D19D



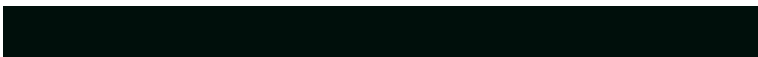
0078A0



474F4D



008F6B



000F0B

Inverse Universe

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



A00028



D10034



A02800



4F4749



8F0024



0F0004

Previews

White Background



This preview shows how the Hex color 00A078 looks on a white background.

Color Contrast Check

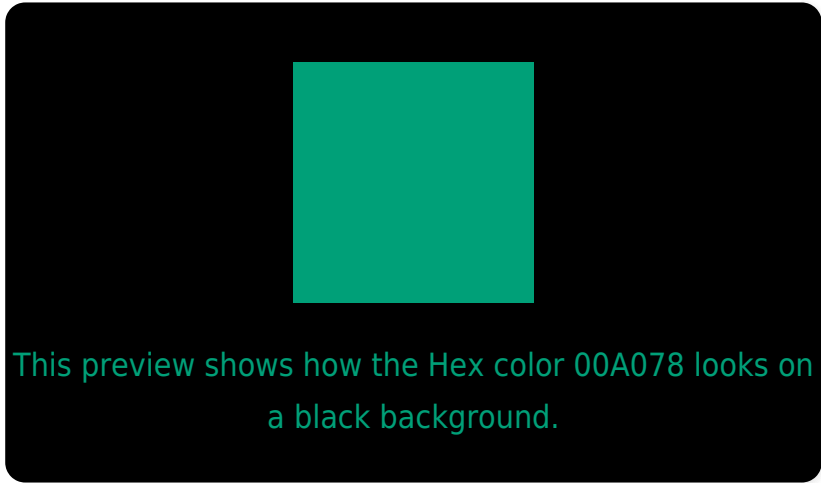
Large Text (above 18pt) WCAG AA ✓ Pass

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

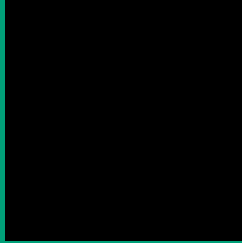
Any Text WCAG AA ✓ Pass

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 00A078 Background



This preview shows how black text looks on a background with the Hex color 00A078.

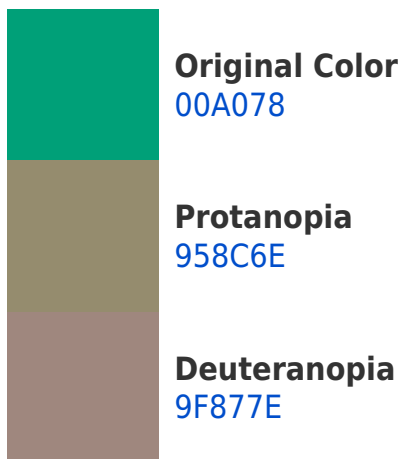


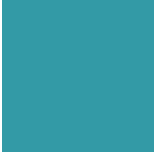
This preview shows how white text looks on a background with the Hex color 00A078.

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



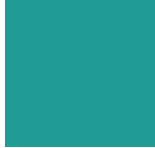
Original Color
00A078



Protanomaly
5F9372



Deuteranomaly
65907C



Tritanomaly
209C95

Monochromacy



Original Color
00A078



Achromatopsia
6C6C6C



Achromatomaly
457F70

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A078 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 #00A078 looks like.

```
.text, #text, p{  
    color:#00A078  
}
```

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 #00A078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A078
}
```

Border

The CSS property to change the border of an element to Hex 00A078 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
#00A078 }
```

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

```
.border{ border-color:#00A078 }
```

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

Here you see how a box with a 4 pixel #00A078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A078; -webkit-box-shadow:4px 4px  
4px 4px #00A078; box-shadow:4px 4px 4px  
4px #00A078 }
```

Background

The CSS property to change the background color of an element to Hex 00A078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A078 }
```

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

```
.background{ background-color:#00A078 }
```

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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