

Converting Colors

Hex(07A786)

Have a look what the booklet for
Hex(07A786) contains.

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Color

Hex(07A786)

Conversions

Conversions Part 1

Format	Color
Hex	07A786
RGB	7, 167, 134
RGB Percent	3%, 65%, 53%
CMY	0.9725, 0.3451, 0.4745
CMYK	0.96, 0.00, 0.20, 0.35
HSL	168°, 92%, 34%
HSV	168°, 96%, 65%
XYZ	18.2094, 29.4038, 27.2700
YIQ	115.3980, -84.7670, -44.1830

Conversions

Conversions Part 2

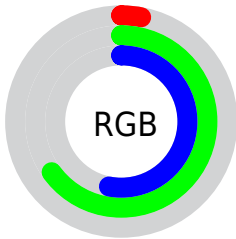
Format	Color
RYB	7, 96, 167
Decimal	501638
CIELab	61.14, -44.24, 6.93
CIELCh	61, 44.782, 171.103
Yxy	29.4038, 0.2432, 0.3927
Android (android.graphics.Color)	4278691718 (0xFF07A786)
YUV	115.3980, 9.1708, -95.0650
Hunter-Lab	54.2253, -34.9521, 8.1406

Details

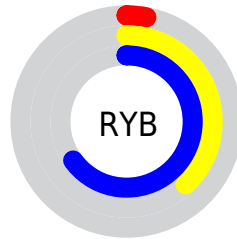
The Hex color **07A786** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A70728**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5DDFBB**, and **007254** is the 20% darker color. If you saturate the color by 10%, you get **00A785**, and if you desaturate by 10%, it is **18A789**.

Distribution



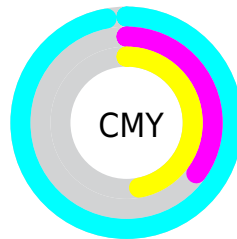
- Red (3%)
- Green (65%)
- Blue (53%)



- Red (3%)
- Yellow (38%)
- Blue (65%)



- Cyan (96%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)



- Cyan (97%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07A786 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 07A786 by changing the saturation by 10% instead.

07A786

07A786

FFFFFF

008C6D

5DDFBB

007254

7CFCD7

00583D

9AFFF3

004028

B8FFFF

002A13

D6FFFF

000800

F4FFFF

000000

07A786

07A786

00A785

18A789

 28A78D

 39A790

 4AA794

 5AA797

 6BA79B

 7CA79E

 8DA7A2

 9DA7A5

Harmonies

Analogous

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



61A360



07A786



00A8AF

Triad

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



07A786



848EDD



D17F57

Complementary

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



07A786



A70728

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.



DE7479



07A786



B97EC6

Square

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



07A786



279BE1



D774A1



B58D44

Rectangle

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



07A786



00A6C6



D774A1



D77A61

Sweetspot

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



07A786



9AD9CC



2AA707



476E66



EDEDED



6E6E6E

Same Dimension

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



07A786



00D9AC



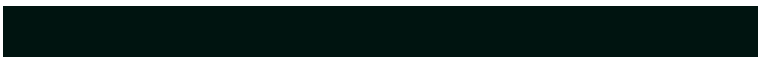
077AA7



4C5452



009475



001410

Inverse Universe

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



A70728



D9002D



A73407



544C4D



94001F



140004

Previews

White Background



This preview shows how the Hex color 07A786 looks on a white background.

Color Contrast Check

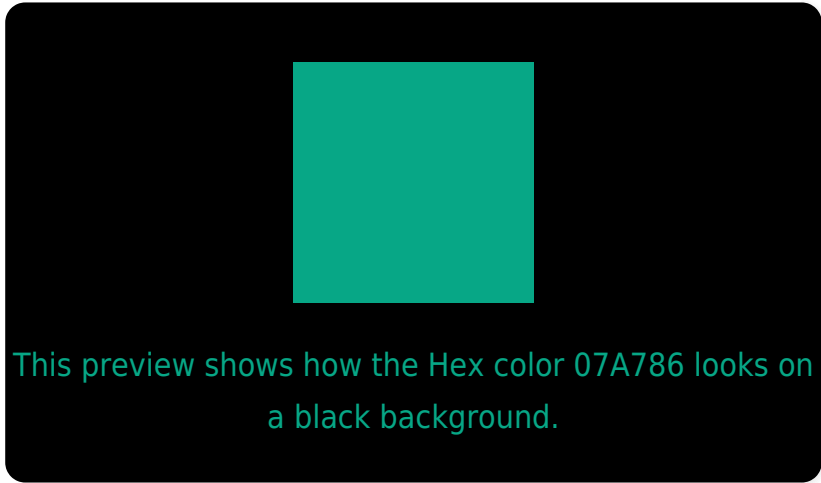
Large Text (above 18pt) WCAG AA ✓ Pass

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

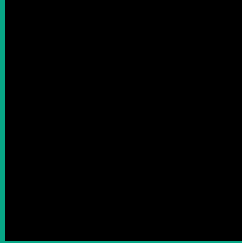
Any Text WCAG AA ✓ Pass

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 07A786 Background



This preview shows how black text looks on a background with the Hex color 07A786.

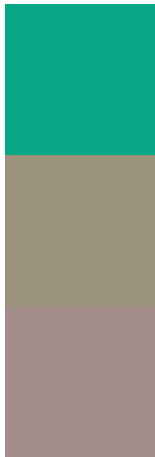


This preview shows how white text looks on a background with the Hex color 07A786.

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



Original Color
07A786

Protanopia
9A927B

Deuteranopia
A38E8C



Tritanopia
33A1AF

Trichromacy



Original Color
07A786



Protanomaly
659A7F



Deuteranomaly
6A978A



Tritanomaly
23A3A0

Monochromacy



Original Color
07A786



Achromatopsia
737373



Achromatomaly
4C867A

CSS Examples

Text

The CSS property to change the color of the text to Hex 07A786 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 #07A786 looks like.

```
.text, #text, p{  
    color:#07A786  
}
```

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 #07A786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07A786
}
```

Border

The CSS property to change the border of an element to Hex 07A786 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
#07A786 }
```

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

```
.border{ border-color:#07A786 }
```

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

Here you see how a box with a 4 pixel #07A786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07A786; -webkit-box-shadow:4px 4px  
4px 4px #07A786; box-shadow:4px 4px 4px  
4px #07A786 }
```

Background

The CSS property to change the background color of an element to Hex 07A786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07A786 }
```

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

```
.background{ background-color:#07A786 }
```

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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