

# Converting Colors

Hex(0E8A76)

Have a look what the booklet for  
Hex(0E8A76) contains.

<b>Hex(0E8A76)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(0E8A76)

# Conversions

## Conversions Part 1

Format	Color
Hex	0E8A76
RGB	14, 138, 118
RGB Percent	5%, 54%, 46%
CMY	0.9451, 0.4588, 0.5373
CMYK	0.90, 0.00, 0.14, 0.46
HSL	170°, 82%, 30%
HSV	170°, 90%, 54%
XYZ	12.5396, 19.5783, 20.2576
YIQ	98.6440, -67.4840, -32.5080

# Conversions

## Conversions Part 2

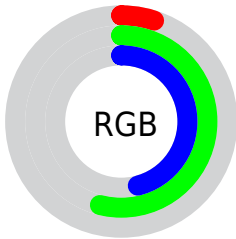
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 81, 138
Decimal	952950
CIE <sub>Lab</sub>	51.36, -35.79, 1.96
CIE <sub>LCh</sub>	51, 35.848, 176.870
Yxy	19.5783, 0.2394, 0.3738
Android (android.graphics.Color)	4279143030 (0xFF0E8A76)
YUV	98.6440, 9.5425, -74.2328
Hunter-Lab	44.2474, -26.8465, 3.8287

# Details

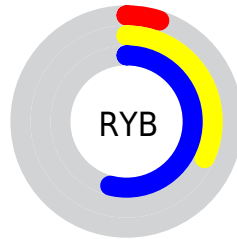
The Hex color **0E8A76** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8A0E22**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **57C0AA**, and **005746** is the 20% darker color. If you saturate the color by 10%, you get **008A74**, and if you desaturate by 10%, it is **1C8A78**.

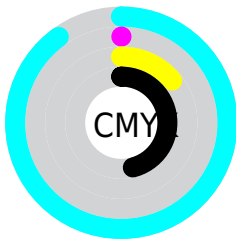
# Distribution



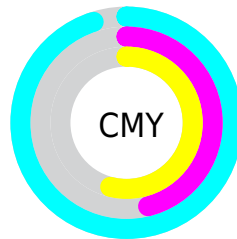
- Red (5%)
- Green (54%)
- Blue (46%)



- Red (5%)
- Yellow (32%)
- Blue (54%)



- Cyan (90%)
- Magenta (0%)
- Yellow (14%)
- Black (46%)



- Cyan (95%)
- Magenta (46%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E8A76 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 0E8A76 by changing the saturation by 10% instead.



 0E8A76

 0E8A76

FFFFFF

 00705D

 57C0AA

 005746

 74DCC5

 003F30

 91F9E1

 00291B

 AEFFFE

 000900

 CBFFFF

 000000

 E8FFFF

 0E8A76

 0E8A76

 008A74

 1C8A78

 2A8A7A

 378A7D

 458A7F

 538A81

 618A83

 6F8A86

 7C8A88

 8A8A8A

# Harmonies

## Analogous

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



4C8758



0E8A76



008A95

# Triad

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



0E8A76



7874B1



A86D48

# Complementary

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



0E8A76



8A0E22

# 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.



B46460



0E8A76



9D689C

# Square

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



0E8A76



407EB7



B1627F



90783C

# Rectangle

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



0E8A76



0088A6



B1627F



AD694F



# Sweetspot

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



0E8A76



82B3AB



238A0E



3D5955



D9D9D9



595959



# Same Dimension

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



0E8A76



00B396



0E618A



3E4544



00856F



000504



# Inverse Universe

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



8A0E22



B3001D



8A370E



453E3F



850015



050001



# Previews

## White Background



This preview shows how the Hex color 0E8A76 looks on a white background.

## Color Contrast Check

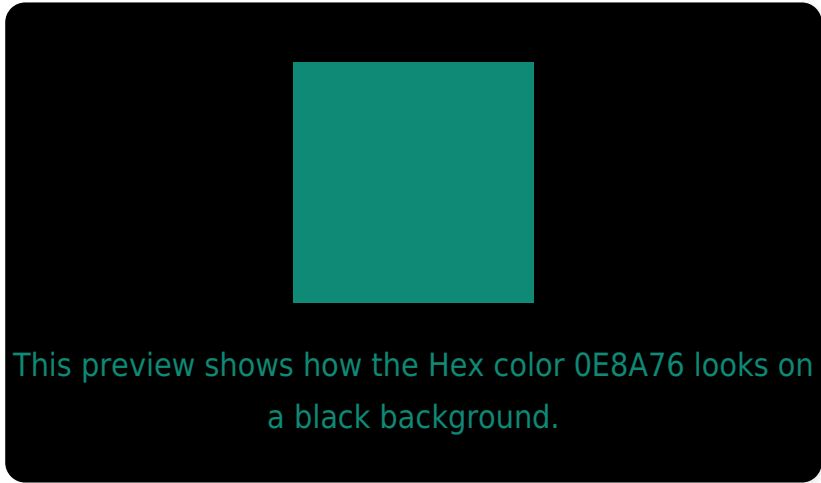
Large Text (above 18pt) WCAG AA ✓ Pass

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

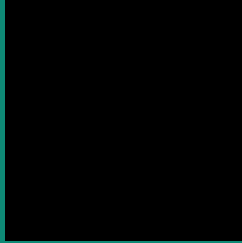
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0E8A76 Background



This preview shows how black text looks on a background with the Hex color 0E8A76.

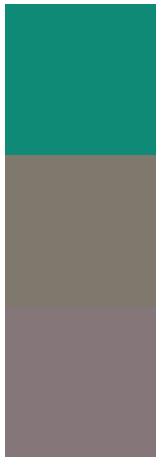


This preview shows how white text looks on a background with the Hex color 0E8A76.

# 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**  
0E8A76

**Protanopia**  
7F796D

**Deuteranopia**  
85767A



**Tritanopia**  
288691

# Trichromacy



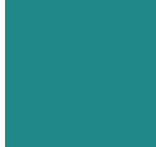
**Original Color**  
0E8A76



**Protanomaly**  
567F70



**Deuteranomaly**  
5A7D79



**Tritanomaly**  
1F8787

# Monochromacy



**Original Color**  
0E8A76



**Achromatopsia**  
636363



**Achromatomaly**  
44716A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E8A76 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 #0E8A76 looks like.

```
.text, #text, p{  
    color:#0E8A76  
}
```

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 #0E8A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E8A76
}
```

## Border

The CSS property to change the border of an element to Hex 0E8A76 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
#0E8A76 }
```

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

```
.border{ border-color:#0E8A76 }
```

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

Here you see how a box with a 4 pixel #0E8A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E8A76; -webkit-box-shadow:4px 4px  
4px 4px #0E8A76; box-shadow:4px 4px 4px  
4px #0E8A76 }
```

# Background

The CSS property to change the background color of an element to Hex 0E8A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E8A76 }
```

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

```
.background{ background-color:#0E8A76 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor