

# Converting Colors

Hex(0E8A69)

Have a look what the booklet for  
Hex(0E8A69) contains.

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# Color

Hex(0E8A69)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E8A69
RGB	14, 138, 105
RGB Percent	5%, 54%, 41%
CMY	0.9451, 0.4588, 0.5882
CMYK	0.90, 0.00, 0.24, 0.46
HSL	164°, 82%, 30%
HSV	164°, 90%, 54%
XYZ	11.8194, 19.2902, 16.4650
YIQ	97.1620, -63.3110, -36.5510

# Conversions

## Conversions Part 2

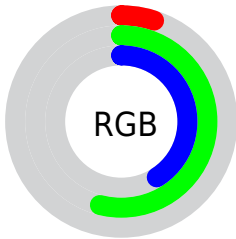
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 86, 138
Decimal	952937
CIE <sub>Lab</sub>	51.03, -39.33, 9.01
CIE <sub>LCh</sub>	51, 40.351, 167.101
Yxy	19.2902, 0.2484, 0.4055
Android (android.graphics.Color)	4279143017 (0xFF0E8A69)
YUV	97.1620, 3.8641, -72.9331
Hunter-Lab	43.9207, -28.8254, 8.5177

# Details

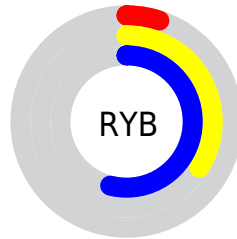
The Hex color **0E8A69** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A0E2F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **56C09C**, and **00573A** is the 20% darker color. If you saturate the color by 10%, you get **008A65**, and if you desaturate by 10%, it is **1C8A6D**.

# Distribution



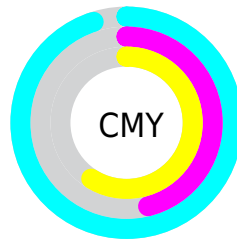
- Red (5%)
- Green (54%)
- Blue (41%)



- Red (5%)
- Yellow (34%)
- Blue (54%)



- Cyan (90%)
- Magenta (0%)
- Yellow (24%)
- Black (46%)



- Cyan (95%)
- Magenta (46%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E8A69 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 0E8A69 by changing the saturation by 10% instead.



 0E8A69

 0E8A69

FFFFFF

 007051

 56C09C

 00573A

 73DCB7

 003F24

 90F9D3

 00290F

 ACFFEF

 000700

 C9FFFF

 000000

 E7FFFF

 0E8A69

 0E8A69

 008A65

 1C8A6D

 2A8A70

 378A74

 458A78

 538A7B

 618A7F

 6F8A83

 7C8A86

 8A8A8A

# Harmonies

## Analogous

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



538649



0E8A69



008B8D

# Triad

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



0E8A69



6376BB



B16648

# Complementary

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



0E8A69



8A0E2F

# 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.



BA5D67



0E8A69



9569A9

# Square

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



0E8A69



0081BC



B25E8A



9A7235

# Rectangle

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



0E8A69



008AA2



B25E8A



B66252



# Sweetspot

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



0E8A69



82B3A6



2F8A0E



3D5952



D9D9D9



595959



# Same Dimension

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



0E8A69



00B383



0E6D8A



3E4543



008561



000504



# Inverse Universe

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



8A0E2F



B30030



8A2B0E



453E40



850023



050001



# Previews

## White Background



This preview shows how the Hex color 0E8A69 looks on a white background.

## Color Contrast Check

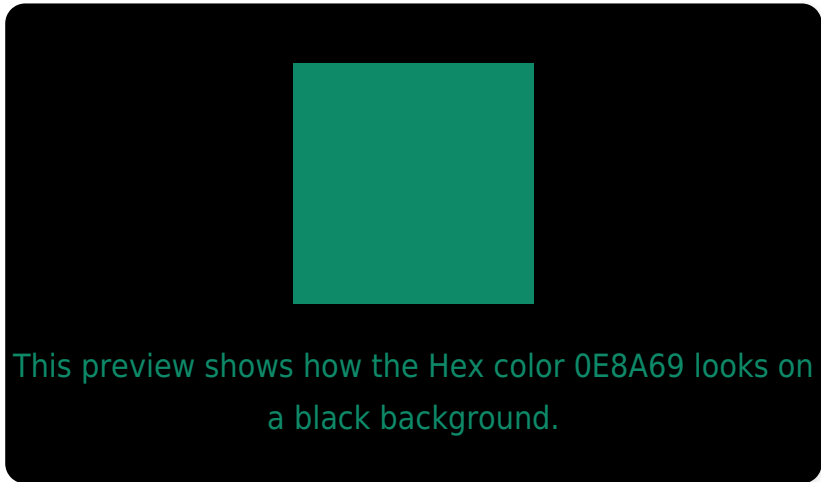
Large Text (above 18pt) WCAG AA ✓ Pass

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 0E8A69 Background



This preview shows how black text looks on a background with the Hex color 0E8A69.

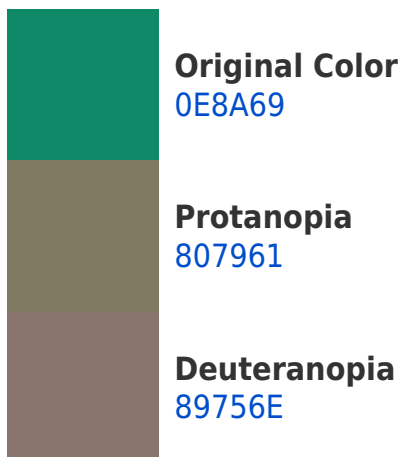


This preview shows how white text looks on a background with the Hex color 0E8A69.

# 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](#).

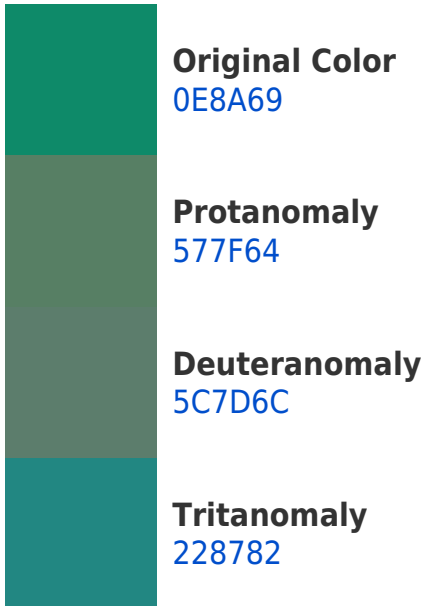
## Dichromacy



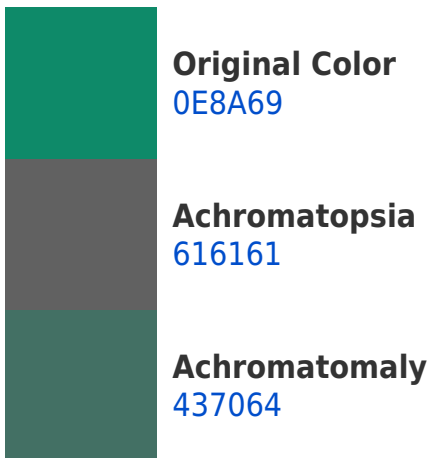


**Tritanopia**  
2D8590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E8A69 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 #0E8A69 looks like.

```
.text, #text, p{  
    color:#0E8A69  
}
```

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 #0E8A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E8A69
}
```

## Border

The CSS property to change the border of an element to Hex 0E8A69 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
#0E8A69 }
```

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

```
.border{ border-color:#0E8A69 }
```

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

Here you see how a box with a 4 pixel #0E8A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E8A69; -webkit-box-shadow:4px 4px  
4px 4px #0E8A69; box-shadow:4px 4px 4px  
4px #0E8A69 }
```

# Background

The CSS property to change the background color of an element to Hex 0E8A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E8A69 }
```

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

```
.background{ background-color:#0E8A69 }
```

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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