

# Converting Colors

Hex(0E8A67)

Have a look what the booklet for  
Hex(0E8A67) contains.

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# Color

Hex(0E8A67)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 0E8A67                      |
| RGB         | 14, 138, 103                |
| RGB Percent | 5%, 54%, 40%                |
| CMY         | 0.9451, 0.4588, 0.5961      |
| CMYK        | 0.90, 0.00, 0.25, 0.46      |
| HSL         | 163°, 82%, 30%              |
| HSV         | 163°, 90%, 54%              |
| XYZ         | 11.7178, 19.2496, 15.9299   |
| YIQ         | 96.9340, -62.6690, -37.1730 |

# Conversions

## Conversions Part 2

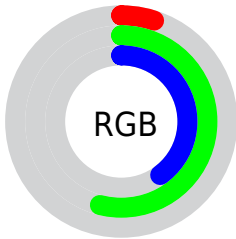
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 14, 86, 138                  |
| Decimal                             | 952935                       |
| CIE <sub>Lab</sub>                  | 50.98, -39.85, 10.09         |
| CIE <sub>LCh</sub>                  | 51, 41.106, 165.786          |
| Yxy                                 | 19.2496, 0.2499,<br>0.4105   |
| Android<br>(android.graphics.Color) | 4279143015<br>(0xFF0E8A67)   |
| YUV                                 | 96.9340, 2.9905,<br>-72.7331 |
| Hunter-Lab                          | 43.8744, -29.1072,<br>9.1850 |

# Details

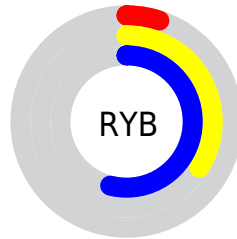
The Hex color **0E8A67** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A0E31**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **56C09A**, and **005738** is the 20% darker color. If you saturate the color by 10%, you get **008A63**, and if you desaturate by 10%, it is **1C8A6B**.

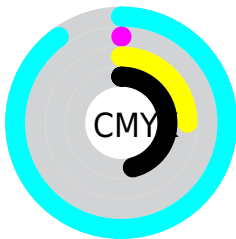
# Distribution



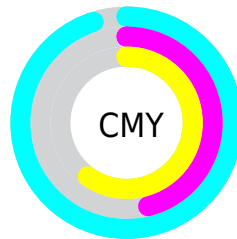
- Red (5%)
- Green (54%)
- Blue (40%)



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



- Cyan (90%)
- Magenta (0%)
- Yellow (25%)
- Black (46%)



- Cyan (95%)
- Magenta (46%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E8A67 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 0E8A67 by changing the saturation by 10% instead.





0E8A67



0E8A67

FFFFFF



00704F



56C09A



005738



73DDB5



003F22



8FF9D0



00290D



ACFFED



000700



C9FFFF



000000



E7FFFF



0E8A67



0E8A67



008A63



1C8A6B

 2A8A6F

 378A73

 458A77

 538A7A

 618A7E

 6F8A82

 7C8A86

 8A8A8A

# Harmonies

## Analogous

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



548547



0E8A67



008B8B

# Triad

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



0E8A67



6077BD



B36549

# Complementary

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



0E8A67



8A0E31

# 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.



BB5C68



0E8A67



9469AB

# Square

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



0E8A67



0082BD



B25E8C



9C7234

# Rectangle

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



0E8A67



008AA1



B25E8C



B76152



# Sweetspot

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



0E8A67



82B3A5



318A0E



3D5951



D9D9D9



595959



# Same Dimension

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



0E8A67



00B380



0E6F8A



3E4543



00855F



000504



# Inverse Universe

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



8A0E31



B30032



8A290E



453E40



850025



050001



# Previews

## White Background



This preview shows how the Hex color 0E8A67 looks on a white background.

## Color Contrast Check

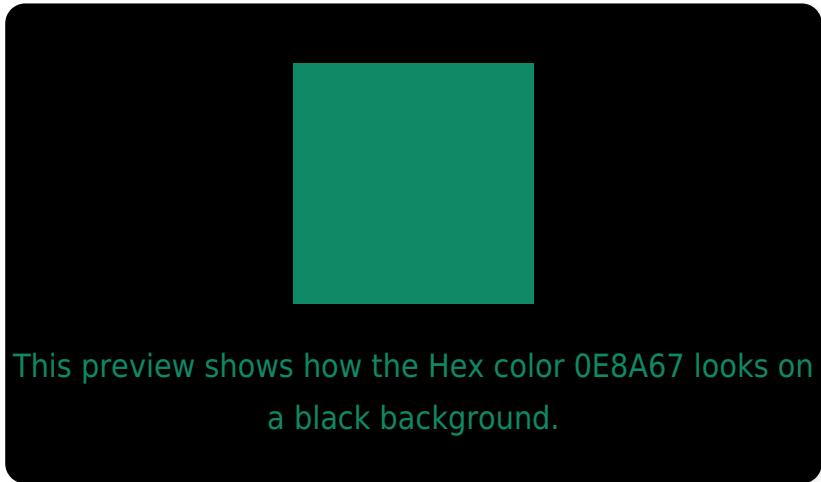
Large Text (above 18pt) WCAG AA ✓ Pass

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

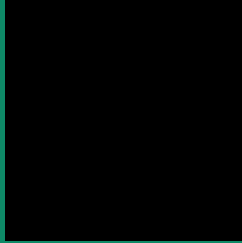
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0E8A67 Background



This preview shows how black text looks on a background with the Hex color 0E8A67.

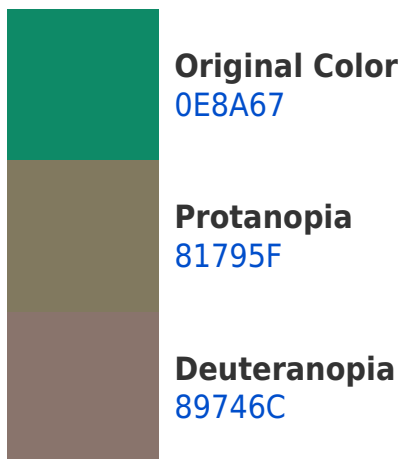


This preview shows how white text looks on a background with the Hex color 0E8A67.

# 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**  
2E858F

# Trichromacy



**Original Color**  
0E8A67



**Protanomaly**  
577F62



**Deuteranomaly**  
5C7C6A



**Tritanomaly**  
228780

# Monochromacy



**Original Color**  
0E8A67



**Achromatopsia**  
616161



**Achromatomaly**  
437063

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E8A67 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 #0E8A67 looks like.

```
.text, #text, p{  
    color:#0E8A67  
}
```

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 #0E8A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E8A67
}
```

## Border

The CSS property to change the border of an element to Hex 0E8A67 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
#0E8A67 }
```

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

```
.border{ border-color:#0E8A67 }
```

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

Here you see how a box with a 4 pixel #0E8A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E8A67; -webkit-box-shadow:4px 4px  
4px 4px #0E8A67; box-shadow:4px 4px 4px  
4px #0E8A67 }
```

# Background

The CSS property to change the background color of an element to Hex 0E8A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E8A67 }
```

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

```
.background{ background-color:#0E8A67 }
```

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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