

# Converting Colors

Hex(0F8A56)

Have a look what the booklet for  
Hex(0F8A56) contains.

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# Color

Hex(0F8A56)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F8A56
RGB	15, 138, 86
RGB Percent	6%, 54%, 34%
CMY	0.9412, 0.4588, 0.6627
CMYK	0.89, 0.00, 0.38, 0.46
HSL	155°, 80%, 30%
HSV	155°, 89%, 54%
XYZ	10.9652, 18.9504, 11.8840
YIQ	95.2950, -56.6160, -42.2480

# Conversions

## Conversions Part 2

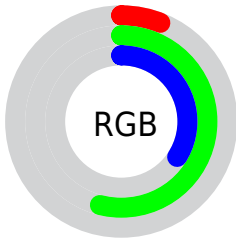
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 93, 138
Decimal	1018454
CIELab	50.63, -43.79, 19.30
CIELCh	51, 47.854, 156.216
Yxy	18.9504, 0.2623, 0.4534
Android (android.graphics.Color)	4279208534 (0xFF0F8A56)
YUV	95.2950, -4.5824, -70.4187
Hunter-Lab	43.5321, -31.2191, 14.2867

# Details

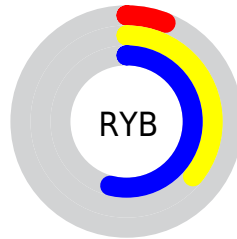
The Hex color **0F8A56** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8A0F43**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **56C088**, and **005728** is the 20% darker color. If you saturate the color by 10%, you get **018A50**, and if you desaturate by 10%, it is **1D8A5C**.

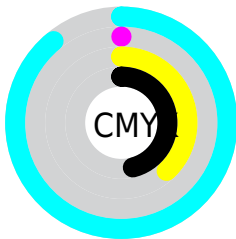
# Distribution



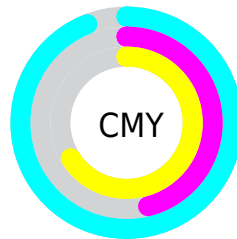
- Red (6%)
- Green (54%)
- Blue (34%)



- Red (6%)
- Yellow (36%)
- Blue (54%)



- Cyan (89%)
- Magenta (0%)
- Yellow (38%)
- Black (46%)



- Cyan (94%)
- Magenta (46%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F8A56 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 0F8A56 by changing the saturation by 10% instead.



 0F8A56

 0F8A56

FFFFFF

 00703E

 56C088

 005728

 73DDA3

 003E13

 8FFABE

 002900

 ACFFDA

 000400

 C9FFF6

 000000

 E6FFFF

 0F8A56

 0F8A56

 018A50

 1D8A5C

■ 008A50

■ 2B8A62

■ 388A68

■ 468A6D

■ 548A73

■ 628A79

■ 708A7F

■ 7D8A85

■ 8B8A8B

# Harmonies

## Analogous

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



5C8433



0F8A56



008C80

# Triad

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



0F8A56



337ACA



BE5B4B

# Complementary

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



0F8A56



8A0F43

# 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.



C35372



0F8A56



866ABB

# Square

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



0F8A56



0085C3



B15A9A



A86A2C

# Rectangle

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



0F8A56



008C9B



B15A9A



C25757



# Sweetspot

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



0F8A56



82B39E



448A0F



3D594D



D9D9D9



595959



# Same Dimension

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



0F8A56



00B367



0F828A



3E4542



00854D



000503



# Inverse Universe

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



8A0F43



B3004B



8A170F



453E41



850038



050002



# Previews

## White Background



This preview shows how the Hex color 0F8A56 looks on a white background.

## Color Contrast Check

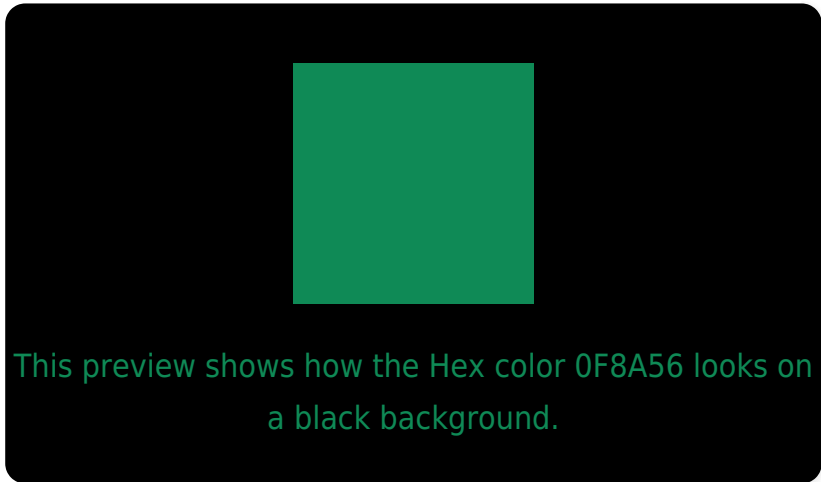
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F8A56 Background



This preview shows how black text looks on a background with the Hex color 0F8A56.



This preview shows how white text looks on a background with the Hex color 0F8A56.

# 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**  
0F8A56

**Protanopia**  
82784F

**Deuteranopia**  
8D735B



**Tritanopia**  
33838E

# Trichromacy



**Original Color**  
0F8A56



**Protanomaly**  
587F52



**Deuteranomaly**  
5F7B59



**Tritanomaly**  
26867A

# Monochromacy



**Original Color**  
0F8A56



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
426F5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F8A56 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 #0F8A56 looks like.

```
.text, #text, p{  
    color:#0F8A56  
}
```

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 #0F8A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F8A56
}
```

## Border

The CSS property to change the border of an element to Hex 0F8A56 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
#0F8A56 }
```

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

```
.border{ border-color:#0F8A56 }
```

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

Here you see how a box with a 4 pixel #0F8A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F8A56; -webkit-box-shadow:4px 4px  
4px 4px #0F8A56; box-shadow:4px 4px 4px  
4px #0F8A56 }
```

# Background

The CSS property to change the background color of an element to Hex 0F8A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F8A56 }
```

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

```
.background{ background-color:#0F8A56 }
```

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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