

# Converting Colors

Hex(0F6A45)

Have a look what the booklet for  
Hex(0F6A45) contains.

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# Color

**Hex(0F6A45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F6A45
RGB	15, 106, 69
RGB Percent	6%, 42%, 27%
CMY	0.9412, 0.5843, 0.7294
CMYK	0.86, 0.00, 0.35, 0.58
HSL	156°, 75%, 24%
HSV	156°, 86%, 42%
XYZ	6.4252, 10.8393, 7.3838
YIQ	74.5730, -42.3590, -30.7990

# Conversions

## Conversions Part 2

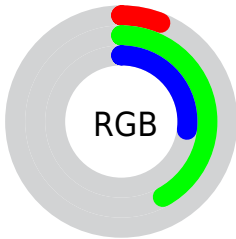
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 72, 106
Decimal	1010245
CIELab	39.31, -34.72, 13.80
CIELCh	39, 37.359, 158.321
Yxy	10.8393, 0.2607, 0.4398
Android (android.graphics.Color)	4279200325 (0xFF0F6A45)
YUV	74.5730, -2.7475, -52.2455
Hunter-Lab	32.9231, -22.7797, 9.7490

# Details

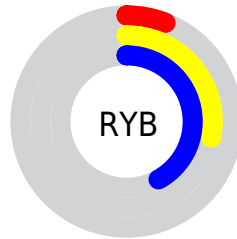
The Hex color **0F6A45** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6A0F34**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4D9E75**, and **003919** is the 20% darker color. If you saturate the color by 10%, you get **046A41**, and if you desaturate by 10%, it is **1A6A49**.

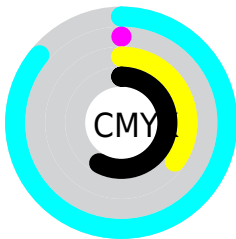
# Distribution



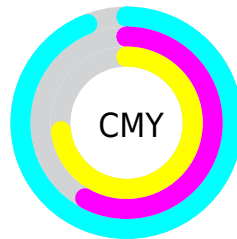
- Red (6%)
- Green (42%)
- Blue (27%)



- Red (6%)
- Yellow (28%)
- Blue (42%)



- Cyan (86%)
- Magenta (0%)
- Yellow (35%)
- Black (58%)



- Cyan (94%)
- Magenta (58%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F6A45 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 0F6A45 by changing the saturation by 10% instead.



 0F6A45

 0F6A45

FFFFFF

 00512F

 4D9E75

 003919

 68B98F

 002500

 83D5AA

 000000

 9FF2C5

 BBFFE1

 D7FFFE

 F5FFFF

 0F6A45

 0F6A45

■ 046A41

■ 1A6A49

■ 006A3F

■ 246A4E

■ 2F6A52

■ 396A56

■ 446A5B

■ 4F6A5F

■ 596A63

■ 646A67

■ 6E6A6C

# Harmonies

## Analogous

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



45652A



0F6A45



006C64

# Triad

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



0F6A45



335D99



904838

# Complementary

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



0F6A45



6A0F34

# 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.



954155



0F6A45



6A518C

# Square

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



0F6A45



006695



884674



7F5323

# Rectangle

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



0F6A45



006B79



884674



934541



# Sweetspot

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



0F6A45



668A7B



356A0F



30453C



C4C4C4



454545



# Same Dimension

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



0F6A45



008A52



0F626A



303633



007546



00F591



# Inverse Universe

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



6A0F34



8A0038



6A170F



363032



750030



F50064



# Previews

## White Background



This preview shows how the Hex color 0F6A45 looks on a white background.

## Color Contrast Check

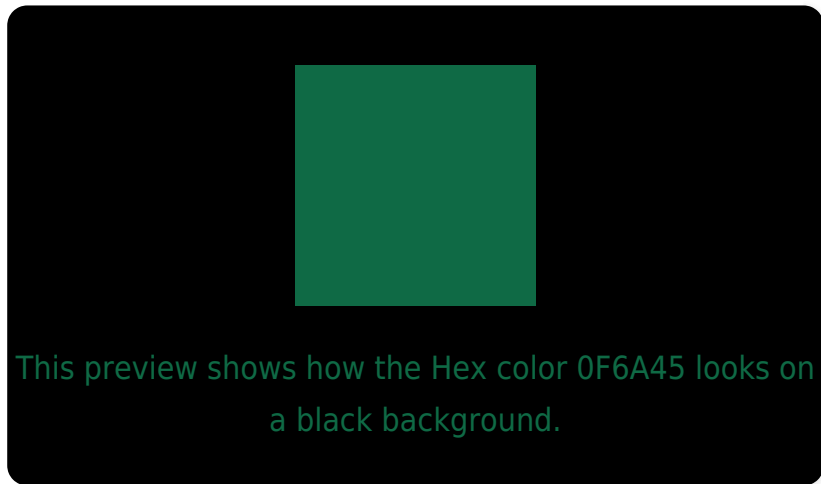
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

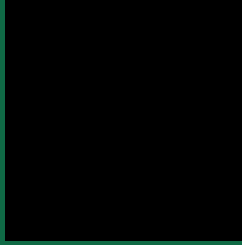
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F6A45 Background



This preview shows how black text looks on a background with the Hex color 0F6A45.



This preview shows how white text looks on a background with the Hex color 0F6A45.

# 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**  
0F6A45

**Protanopia**  
645C3F

**Deuteranopia**  
6C5949



**Tritanopia**  
27656D

# Trichromacy



**Original Color**  
0F6A45

**Protanomaly**  
456141

**Deuteranomaly**  
4A5F48

**Tritanomaly**  
1E675E

# Monochromacy



**Original Color**  
0F6A45

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
355649

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F6A45 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 #0F6A45 looks like.

```
.text, #text, p{  
    color:#0F6A45  
}
```

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 #0F6A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F6A45
}
```

## Border

The CSS property to change the border of an element to Hex 0F6A45 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
#0F6A45 }
```

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

```
.border{ border-color:#0F6A45 }
```

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

Here you see how a box with a 4 pixel #0F6A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F6A45; -webkit-box-shadow:4px 4px  
4px 4px #0F6A45; box-shadow:4px 4px 4px  
4px #0F6A45 }
```

# Background

The CSS property to change the background color of an element to Hex 0F6A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F6A45 }
```

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

```
.background{ background-color:#0F6A45 }
```

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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