

# Converting Colors

Hex(0F6F4B)

Have a look what the booklet for  
Hex(0F6F4B) contains.

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# Color

**Hex(0F6F4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F6F4B
RGB	15, 111, 75
RGB Percent	6%, 44%, 29%
CMY	0.9412, 0.5647, 0.7059
CMYK	0.86, 0.00, 0.32, 0.56
HSL	158°, 76%, 25%
HSV	158°, 86%, 44%
XYZ	7.1514, 11.9784, 8.5918
YIQ	78.1920, -45.6600, -31.5480

# Conversions

## Conversions Part 2

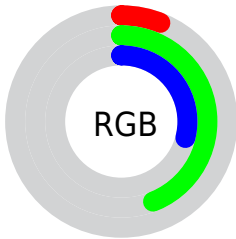
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 74, 111
Decimal	1011531
CIELab	41.18, -35.39, 12.81
CIELCh	41, 37.635, 160.107
Yxy	11.9784, 0.2580, 0.4321
Android (android.graphics.Color)	4279201611 (0xFF0F6F4B)
YUV	78.1920, -1.5737, -55.4194
Hunter-Lab	34.6099, -23.6838, 9.5084

# Details

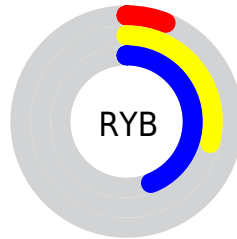
The Hex color **0F6F4B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F0F33**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4EA47C**, and **003E1F** is the 20% darker color. If you saturate the color by 10%, you get **046F47**, and if you desaturate by 10%, it is **1A6F4F**.

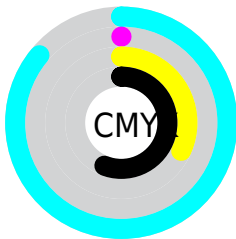
# Distribution



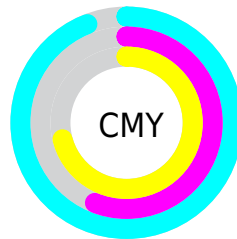
- Red (6%)
- Green (44%)
- Blue (29%)



- Red (6%)
- Yellow (29%)
- Blue (44%)



- Cyan (86%)
- Magenta (0%)
- Yellow (32%)
- Black (56%)



- Cyan (94%)
- Magenta (56%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F6F4B 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 0F6F4B by changing the saturation by 10% instead.





0F6F4B



0F6F4B

FFFFFF



005634



4EA47C



003E1F



6ABF96



002808



85DBB1



000800



A1F8CC



000000



BDFFE8



DAFFFF



F7FFFF



0F6F4B



0F6F4B

■ 046F47

■ 1A6F4F

■ 006F45

■ 256F53

■ 306F57

■ 3B6F5C

■ 466F60

■ 526F64

■ 5D6F68

■ 686F6C

■ 736F70

# Harmonies

## Analogous

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



476B30



0F6F4B



00716B

# Triad

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



0F6F4B



3D619E



954D3B

# Complementary

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



0F6F4B



6F0F33

# 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.



9A4658



0F6F4B



715591

# Square

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



0F6F4B



006A9B



8F4977



835826

# Rectangle

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



0F6F4B



00707F



8F4977



994944



# Sweetspot

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



0F6F4B



6C9183



346F0F



334A41



C9C9C9



4A4A4A



# Same Dimension

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



0F6F4B



00915B



0F646F



323836



00784B



00F79B



# Inverse Universe

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



6F0F33



910037



6F1A0F



383235



78002D



F7005D



# Previews

## White Background



This preview shows how the Hex color 0F6F4B looks on a white background.

## Color Contrast Check

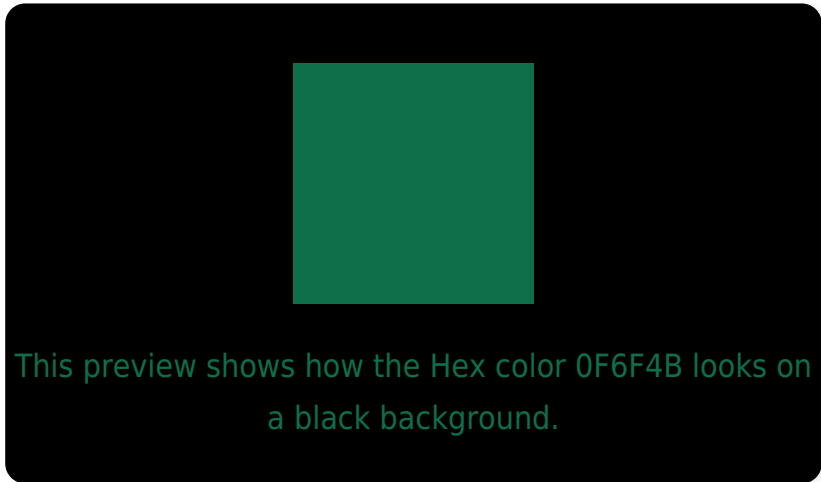
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F6F4B Background



This preview shows how black text looks on a background with the Hex color 0F6F4B.



This preview shows how white text looks on a background with the Hex color 0F6F4B.

# 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**  
0F6F4B

**Protanopia**  
686145

**Deuteranopia**  
705D4F



**Tritanopia**  
286A73

# Trichromacy



**Original Color**  
0F6F4B



**Protanomaly**  
486647



**Deuteranomaly**  
4D644E



**Tritanomaly**  
1F6C64

# Monochromacy



**Original Color**  
0F6F4B



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
375A4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F6F4B 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 #0F6F4B looks like.

```
.text, #text, p{  
    color:#0F6F4B  
}
```

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 #0F6F4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F6F4B
}
```

## Border

The CSS property to change the border of an element to Hex 0F6F4B 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
#0F6F4B }
```

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

```
.border{ border-color:#0F6F4B }
```

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

Here you see how a box with a 4 pixel #0F6F4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F6F4B; -webkit-box-shadow:4px 4px  
4px 4px #0F6F4B; box-shadow:4px 4px 4px  
4px #0F6F4B }
```

# Background

The CSS property to change the background color of an element to Hex 0F6F4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F6F4B }
```

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

```
.background{ background-color:#0F6F4B }
```

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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