

# Converting Colors

Hex(0F5B41)

Have a look what the booklet for  
Hex(0F5B41) contains.

<b>Hex(0F5B41)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0F5B41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F5B41
RGB	15, 91, 65
RGB Percent	6%, 36%, 25%
CMY	0.9412, 0.6431, 0.7451
CMYK	0.84, 0.00, 0.29, 0.64
HSL	159°, 72%, 21%
HSV	159°, 84%, 36%
XYZ	4.8922, 7.9654, 6.2807
YIQ	65.3120, -36.9500, -24.1980

# Conversions

## Conversions Part 2

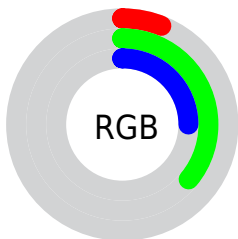
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 61, 91
Decimal	1006401
CIE Lab	33.91, -29.14, 8.78
CIE LCh	34, 30.434, 163.238
Yxy	7.9654, 0.2556, 0.4162
Android (android.graphics.Color)	4279196481 (0xFF0F5B41)
YUV	65.3120, -0.1538, -44.1236
Hunter-Lab	28.2230, -18.4488, 6.5619

# Details

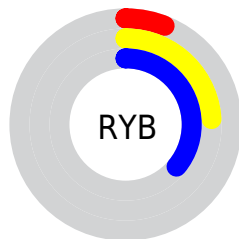
The Hex color **0F5B41** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B0F29**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **498E71**, and **002C16** is the 20% darker color. If you saturate the color by 10%, you get **065B3E**, and if you desaturate by 10%, it is **185B44**.

# Distribution



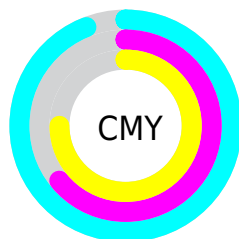
- Red (6%)
- Green (36%)
- Blue (25%)



- Red (6%)
- Yellow (24%)
- Blue (36%)



- Cyan (84%)
- Magenta (0%)
- Yellow (29%)
- Black (64%)



- Cyan (94%)
- Magenta (64%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F5B41 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 0F5B41 by changing the saturation by 10% instead.



 0F5B41

 0F5B41

FFFFFF

 00432B

 498E71

 002C16

 63A98A

 001600

 7DC4A5

 000000

 98E0C0

 B4FDDC

 D0FFF8

 EDFFFF

 0F5B41

 0F5B41

■ 065B3E

■ 185B44

■ 005B3C

■ 215B47

■ 2A5B4A

■ 335B4D

■ 3D5B51

■ 465B54

■ 4F5B57

■ 585B5A

■ 615B5D

# Harmonies

## Analogous

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



39582B



0F5B41



005C5A

# Triad

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



0F5B41



3A4F7F



784130

# Complementary

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



0F5B41



5B0F29

# 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.



7D3B46



0F5B41



5F4573

# Square

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



0F5B41



00567E



753D5E



694A21

# Rectangle

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



0F5B41



005B69



753D5E



7B3E37



# Sweetspot

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



0F5B41



58756B



2A5B0F



293B35



BABABA



3B3B3B



# Same Dimension

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



0F5B41



00754D



0F505B



292E2C



006E48



00ED9C



# Inverse Universe

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



5B0F29



750028



5B1A0F



2E292B



6E0026

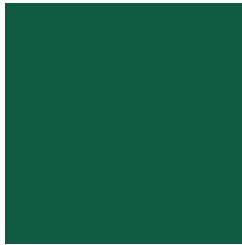


ED0051



# Previews

## White Background



This preview shows how the Hex color 0F5B41 looks on a white background.

## Color Contrast Check

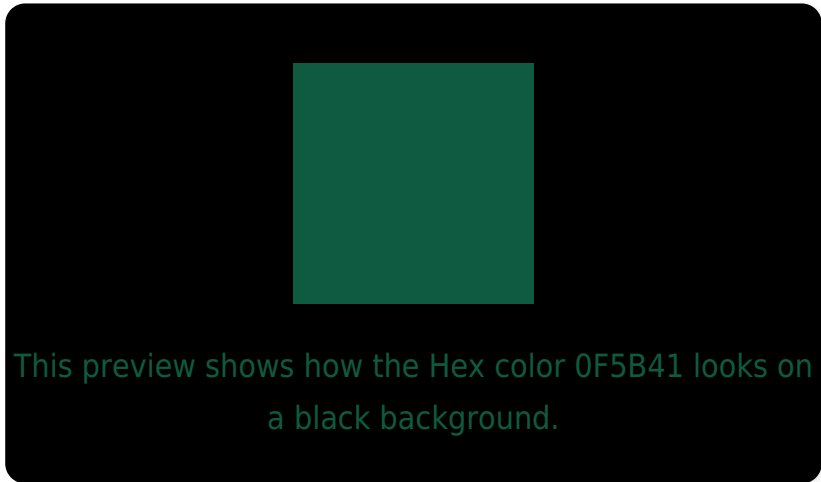
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

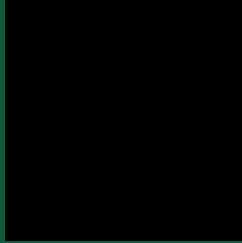
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F5B41 Background



This preview shows how black text looks on a background with the Hex color 0F5B41.



This preview shows how white text looks on a background with the Hex color 0F5B41.

# 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**  
0F5B41

**Protanopia**  
554F3C

**Deuteranopia**  
5B4D44



# Trichromacy



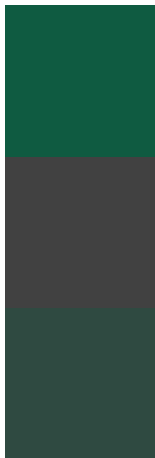
**Original Color**  
0F5B41

**Protanomaly**  
3C533E

**Deuteranomaly**  
3F5243

**Tritanomaly**  
1A5853

# Monochromacy



**Original Color**  
0F5B41

**Achromatopsia**  
414141

**Achromatomaly**  
2F4A41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F5B41 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 #0F5B41 looks like.

```
.text, #text, p{  
    color:#0F5B41  
}
```

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 #0F5B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F5B41
}
```

## Border

The CSS property to change the border of an element to Hex 0F5B41 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
#0F5B41 }
```

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

```
.border{ border-color:#0F5B41 }
```

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

Here you see how a box with a 4 pixel #0F5B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F5B41; -webkit-box-shadow:4px 4px  
4px 4px #0F5B41; box-shadow:4px 4px 4px  
4px #0F5B41 }
```

# Background

The CSS property to change the background color of an element to Hex 0F5B41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F5B41 }
```

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

```
.background{ background-color:#0F5B41 }
```

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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