

Converting Colors

Hex(0F7D37)

Have a look what the booklet for
Hex(0F7D37) contains.

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Color

Hex(0F7D37)

Conversions

Conversions Part 1

Format	Color
Hex	0F7D37
RGB	15, 125, 55
RGB Percent	6%, 49%, 22%
CMY	0.9412, 0.5098, 0.7843
CMYK	0.88, 0.00, 0.56, 0.51
HSL	142°, 79%, 27%
HSV	142°, 88%, 49%
XYZ	8.2202, 15.0446, 6.0851
YIQ	84.1300, -43.0900, -45.0900

Conversions

Conversions Part 2

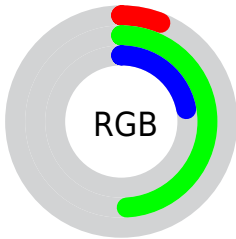
Format	Color
RYB	15, 96, 125
Decimal	1015095
CIELab	45.70, -44.81, 29.91
CIElCh	46, 53.875, 146.283
Yxy	15.0446, 0.2801, 0.5126
Android (android.graphics.Color)	4279205175 (0xFF0F7D37)
YUV	84.1300, -14.3611, -60.6270
Hunter-Lab	38.7874, -30.0485, 17.8496

Details

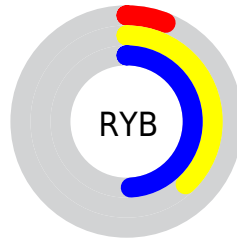
The Hex color **0F7D37** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7D0F55**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **53B368**, and **004B07** is the 20% darker color. If you saturate the color by 10%, you get **037D2F**, and if you desaturate by 10%, it is **1B7D3F**.

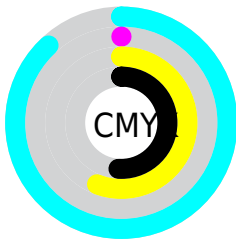
Distribution



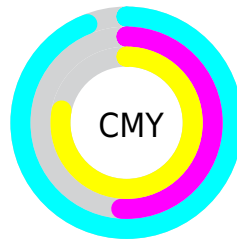
- Red (6%)
- Green (49%)
- Blue (22%)



- Red (6%)
- Yellow (38%)
- Blue (49%)



- Cyan (88%)
- Magenta (0%)
- Yellow (56%)
- Black (51%)



- Cyan (94%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F7D37 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 0F7D37 by changing the saturation by 10% instead.

 0F7D37

 0F7D37

FFFFFF

 006320

 53B368

 004B07

 6FCF81

 003300

 8BEB9C

 001C00

 A7FFB7

 000000

 C4FFD3

 E1FFE7

 0F7D37

 0F7D37

 037D2F

 1B7D3F

■ 007D2D

■ 287D47

■ 357D4F

■ 417D57

■ 4E7D5F

■ 5A7D67

■ 677D6F

■ 737D77

■ 807D7F

Harmonies

Analogous

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



5B750B



0F7D37



008165

Triad

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



0F7D37



0073C6



BB4347

Complementary

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



0F7D37



7D0F55

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.



B93F74



0F7D37



6063BE

Square

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



0F7D37



007DB7



9D4E9F



A8561F

Rectangle

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



0F7D37



008184



9D4E9F



BD3F56

Sweetspot

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



0F7D37



79A388



567D0F



385242



D1D1D1



525252

Same Dimension

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



0F7D37



00A33B



0F7D6C



39403C



00802E



000000

Inverse Universe

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



7D0F55



A30068



7D0F20



40393D



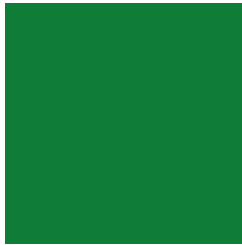
800051



000000

Previews

White Background



This preview shows how the Hex color 0F7D37 looks on a white background.

Color Contrast Check

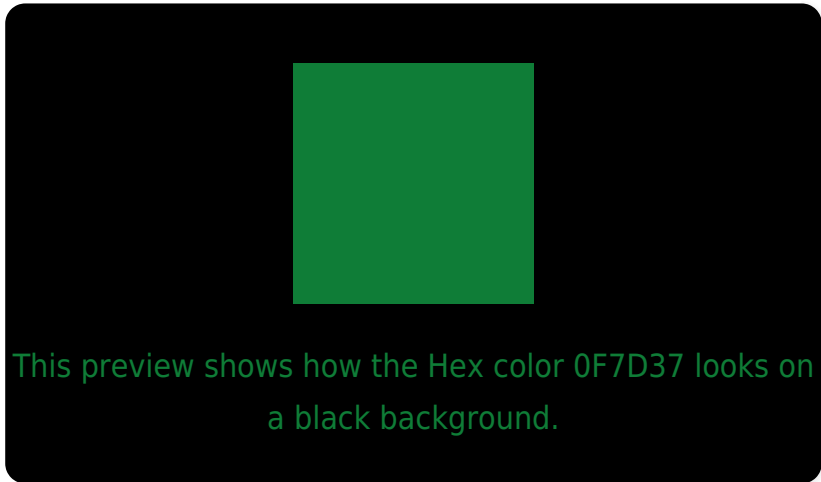
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F7D37 Background



This preview shows how black text looks on a background with the Hex color 0F7D37.



This preview shows how white text looks on a background with the Hex color 0F7D37.

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
0F7D37

Protanopia
776C32

Deuteranopia
83673D



Tritanopia
33757F

Trichromacy



Original Color
0F7D37



Protanomaly
517234



Deuteranomaly
596F3B



Tritanomaly
267865

Monochromacy



Original Color
0F7D37



Achromatopsia
545454



Achromatomaly
3B6349

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F7D37 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 #0F7D37 looks like.

```
.text, #text, p{  
    color:#0F7D37  
}
```

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 #0F7D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F7D37
}
```

Border

The CSS property to change the border of an element to Hex 0F7D37 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".

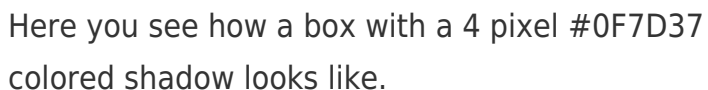
```
.border, #border, table{ border:4px solid
#0F7D37 }
```

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

```
.border{ border-color:#0F7D37 }
```

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

Here you see how a box with a 4 pixel #0F7D37 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F7D37; -webkit-box-shadow:4px 4px  
4px 4px #0F7D37; box-shadow:4px 4px 4px  
4px #0F7D37 }
```

Background

The CSS property to change the background color of an element to Hex 0F7D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F7D37 }
```

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

```
.background{ background-color:#0F7D37 }
```

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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