

Converting Colors

Hex(0F7A44)

Have a look what the booklet for
Hex(0F7A44) contains.

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Color

Hex(0F7A44)

Conversions

Conversions Part 1

Format	Color
Hex	0F7A44
RGB	15, 122, 68
RGB Percent	6%, 48%, 27%
CMY	0.9412, 0.5216, 0.7333
CMYK	0.88, 0.00, 0.44, 0.52
HSL	150°, 78%, 27%
HSV	150°, 88%, 48%
XYZ	8.1999, 14.4380, 7.8235
YIQ	83.8510, -46.4380, -39.4780

Conversions

Conversions Part 2

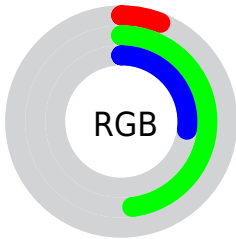
Format	Color
RYB	15, 87, 122
Decimal	1014340
CIELab	44.85, -41.37, 21.78
CIELCh	45, 46.752, 152.240
Yxy	14.4380, 0.2692, 0.4740
Android (android.graphics.Color)	4279204420 (0xFF0F7A44)
YUV	83.8510, -7.8145, -60.3823
Hunter-Lab	37.9973, -27.9746, 14.3906

Details

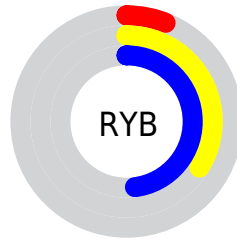
The Hex color **0F7A44** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A0F45**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **51AF75**, and **004817** is the 20% darker color. If you saturate the color by 10%, you get **037A3E**, and if you desaturate by 10%, it is **1B7A4A**.

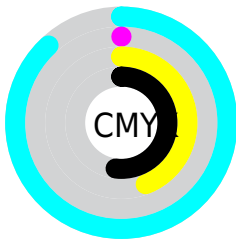
Distribution



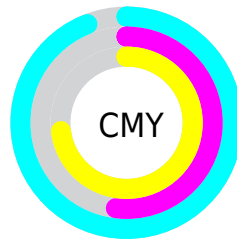
- Red (6%)
- Green (48%)
- Blue (27%)



- Red (6%)
- Yellow (34%)
- Blue (48%)



- Cyan (88%)
- Magenta (0%)
- Yellow (44%)
- Black (52%)



- Cyan (94%)
- Magenta (52%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F7A44 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 0F7A44 by changing the saturation by 10% instead.

 0F7A44

 0F7A44

FFFFFF

 00602D

 51AF75

 004817

 6DCB8F

 003000

 89E8A9

 001A00

 A5FFC5

 000000

 C2FFE1

 DFFFFD

 FFFFFFFF

 0F7A44

 0F7A44

■ 037A3E

■ 1B7A4A

■ 007A3C

■ 277A50

■ 347A56

■ 407A5D

■ 4C7A63

■ 587A69

■ 647A6F

■ 717A75

■ 7D7A7B

Harmonies

Analogous

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



547423



0F7A44



007D6C

Triad

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



0F7A44



006EB8



AE4B43

Complementary

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



0F7A44



7A0F45

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.



AF4569



0F7A44



6F5FAC

Square

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



0F7A44



0077AF



9B4E8F



9B5A23

Rectangle

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



0F7A44



007D86



9B4E8F



B0484F

Sweetspot

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



0F7A44



759E89



467A0F



374F43



CFCFCF



4F4F4F

Same Dimension

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



0F7A44



009E4E



0F7A78



373D3A



007D3E



00FC7D

Inverse Universe

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



7A0F45



9E0050



7A0F11



3D373A



7D003F



FC007F

Previews

White Background



This preview shows how the Hex color 0F7A44 looks on a white background.

Color Contrast Check

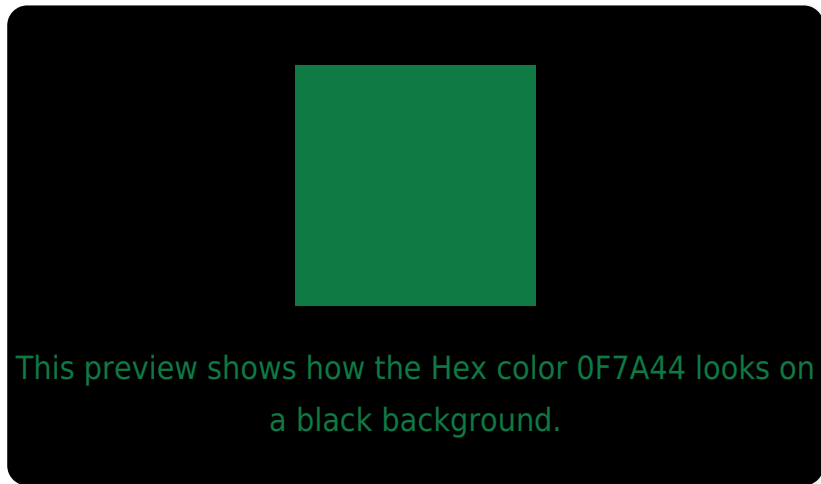
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F7A44 Background



This preview shows how black text looks on a background with the Hex color 0F7A44.



This preview shows how white text looks on a background with the Hex color 0F7A44.

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
0F7A44

Protanopia
746A3E

Deuteranopia
7E6549



Tritanopia
2F737D

Trichromacy



Original Color
0F7A44



Protanomaly
4F7040



Deuteranomaly
566D47



Tritanomaly
237668

Monochromacy



Original Color
0F7A44



Achromatopsia
545454



Achromatomaly
3B624E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F7A44 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 #0F7A44 looks like.

```
.text, #text, p{  
    color:#0F7A44  
}
```

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 #0F7A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F7A44
}
```

Border

The CSS property to change the border of an element to Hex 0F7A44 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
#0F7A44 }
```

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

```
.border{ border-color:#0F7A44 }
```

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

Here you see how a box with a 4 pixel #0F7A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F7A44; -webkit-box-shadow:4px 4px  
4px 4px #0F7A44; box-shadow:4px 4px 4px  
4px #0F7A44 }
```

Background

The CSS property to change the background color of an element to Hex 0F7A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F7A44 }
```

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

```
.background{ background-color:#0F7A44 }
```

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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