

Converting Colors

Hex(0F783D)

Have a look what the booklet for
Hex(0F783D) contains.

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Color

Hex(0F783D)

Conversions

Conversions Part 1

Format	Color
Hex	0F783D
RGB	15, 120, 61
RGB Percent	6%, 47%, 24%
CMY	0.9412, 0.5294, 0.7608
CMYK	0.88, 0.00, 0.49, 0.53
HSL	146°, 78%, 26%
HSV	146°, 88%, 47%
XYZ	7.7558, 13.8714, 6.6836
YIQ	81.8790, -43.6410, -40.6090

Conversions

Conversions Part 2

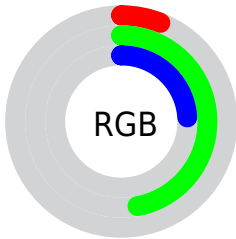
Format	Color
RYB	15, 88, 120
Decimal	1013821
CIELab	44.05, -41.96, 24.64
CIELCh	44, 48.656, 149.579
Yxy	13.8714, 0.2740, 0.4900
Android (android.graphics.Color)	4279203901 (0xFF0F783D)
YUV	81.8790, -10.2933, -58.6529
Hunter-Lab	37.2444, -28.0067, 15.4314

Details

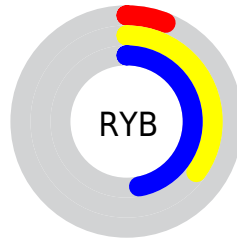
The Hex color **0F783D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **780F4A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **51AD6D**, and **004610** is the 20% darker color. If you saturate the color by 10%, you get **037836**, and if you desaturate by 10%, it is **1B7844**.

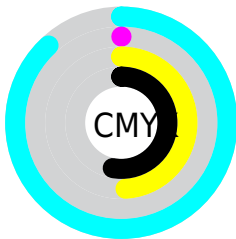
Distribution



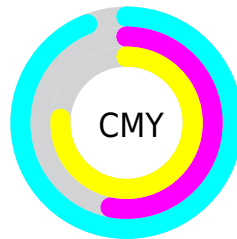
- Red (6%)
- Green (47%)
- Blue (24%)



- Red (6%)
- Yellow (35%)
- Blue (47%)



- Cyan (88%)
- Magenta (0%)
- Yellow (49%)
- Black (53%)



- Cyan (94%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F783D 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 0F783D by changing the saturation by 10% instead.



0F783D



0F783D

FFFFFF



005F26



51AD6D



004610



6DC987



002F00



88E5A2



001700



A5FFBD



000000



C1FFD9



DEFFF5



FCFFFF



0F783D



0F783D

■ 037836

■ 1B7844

■ 007835

■ 27784A

■ 337851

■ 3F7858

■ 4B785F

■ 577865

■ 63786C

■ 6F7873

■ 7B787A

Harmonies

Analogous

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



55711A



0F783D



007B66

Triad

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



0F783D



006DB9



AE4643

Complementary

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



0F783D



780F4A

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.



AF416A



0F783D



665EAF

Square

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



0F783D



0077AD



984C92



9C5621

Rectangle

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



0F783D



007B82



984C92



B1434F

Sweetspot

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



0F783D



739C85



4A780F



374F41



CFCFCF



4F4F4F

Same Dimension

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



0F783D



009C44



0F7871



373D3A



007D37



00FC6F

Inverse Universe

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



780F4A



9C0057



780F16



3D373B



7D0046



FC008E

Previews

White Background



This preview shows how the Hex color 0F783D looks on a white background.

Color Contrast Check

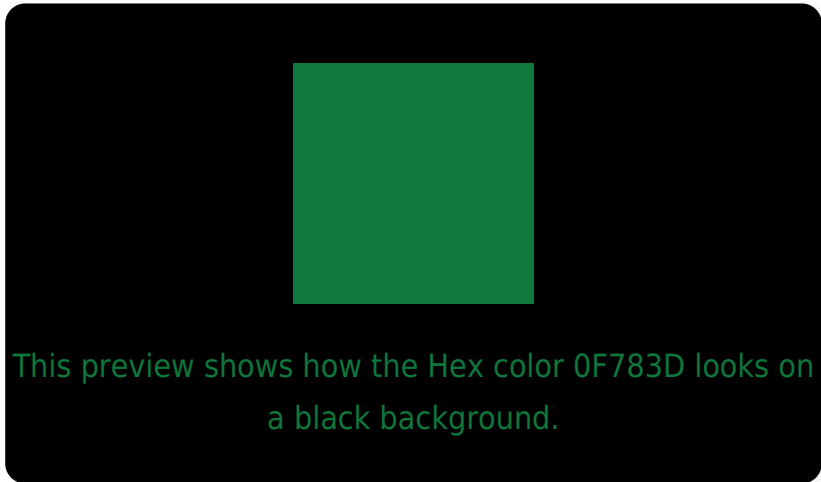
Large Text (above 18pt) WCAG AA ✓ Pass

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

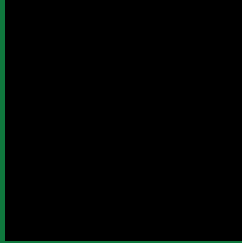
Any Text WCAG AA × Fail

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 0F783D Background



This preview shows how black text looks on a background with the Hex color 0F783D.



This preview shows how white text looks on a background with the Hex color 0F783D.

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
0F783D

Protanopia
726837

Deuteranopia
7D6342



Tritanopia
2F717A

Trichromacy



Original Color
0F783D



Protanomaly
4E6E39



Deuteranomaly
556B40



Tritanomaly
237464

Monochromacy



Original Color
0F783D



Achromatopsia
525252



Achromatomaly
3A604A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F783D 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 #0F783D looks like.

```
.text, #text, p{  
    color:#0F783D  
}
```

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 #0F783D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F783D
}
```

Border

The CSS property to change the border of an element to Hex 0F783D 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
#0F783D }
```

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

```
.border{ border-color:#0F783D }
```

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

Here you see how a box with a 4 pixel #0F783D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F783D; -webkit-box-shadow:4px 4px  
4px 4px #0F783D; box-shadow:4px 4px 4px  
4px #0F783D }
```

Background

The CSS property to change the background color of an element to Hex 0F783D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F783D }
```

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

```
.background{ background-color:#0F783D }
```

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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