

# Converting Colors

Hex(0F782D)

Have a look what the booklet for  
Hex(0F782D) contains.

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# Color

**Hex(0F782D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F782D
RGB	15, 120, 45
RGB Percent	6%, 47%, 18%
CMY	0.9412, 0.5294, 0.8235
CMYK	0.88, 0.00, 0.62, 0.53
HSL	137°, 78%, 26%
HSV	137°, 88%, 47%
XYZ	7.3871, 13.7240, 4.7423
YIQ	80.0550, -38.5050, -45.5850

# Conversions

## Conversions Part 2

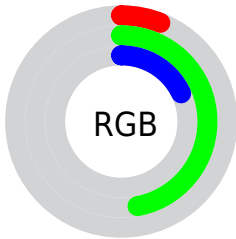
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 97, 120
Decimal	1013805
CIELab	43.83, -44.53, 32.80
CIElCh	44, 55.303, 143.629
Yxy	13.7240, 0.2857, 0.5308
Android (android.graphics.Color)	4279203885 (0xFF0F782D)
YUV	80.0550, -17.2821, -57.0532
Hunter-Lab	37.0459, -29.2365, 18.3423

# Details

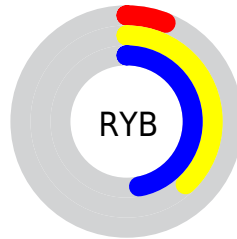
The Hex color **0F782D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **780F5A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **51AD5E**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **037824**, and if you desaturate by 10%, it is **1B7836**.

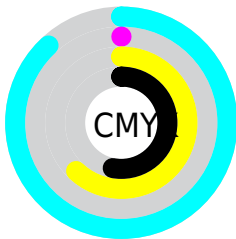
# Distribution



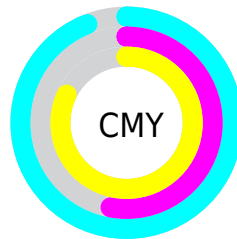
- Red (6%)
- Green (47%)
- Blue (18%)



- Red (6%)
- Yellow (38%)
- Blue (47%)



- Cyan (88%)
- Magenta (0%)
- Yellow (62%)
- Black (53%)



- Cyan (94%)
- Magenta (53%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F782D 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 0F782D by changing the saturation by 10% instead.



 0F782D

 0F782D

FFFFFF

 005F15

 51AD5E

 004600

 6DC977

 002F00

 89E691

 001600

 A5FFAC

 000000

 C2FFC8

 DFFFE4

 FDFFFF

 0F782D

 0F782D

■ 037824

■ 1B7836

■ 007822

■ 27783E

■ 337847

■ 3F784F

■ 4B7858

■ 577860

■ 637869

■ 6F7872

■ 7B787A

# Harmonies

## Analogous

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



5A7000



0F782D



007C5C

# Triad

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



0F782D



0070C3



B83B46

# Complementary

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



0F782D



780F5A

# 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.



B43873



0F782D



5260BC

# Square

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



0F782D



0079B1



954A9F



A64F1C

# Rectangle

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



0F782D



007D7C



954A9F



B93755



# Sweetspot

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



0F782D



739C7F



5A780F



374F3E



CFCFCF



4F4F4F



# Same Dimension

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



0F782D



009C2C



0F7861



373D39



007D24



00FC48



# Inverse Universe

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



780F5A



9C006F



780F26



3D373B



7D0059



FC00B4



# Previews

## White Background



This preview shows how the Hex color 0F782D looks on a white background.

## Color Contrast Check

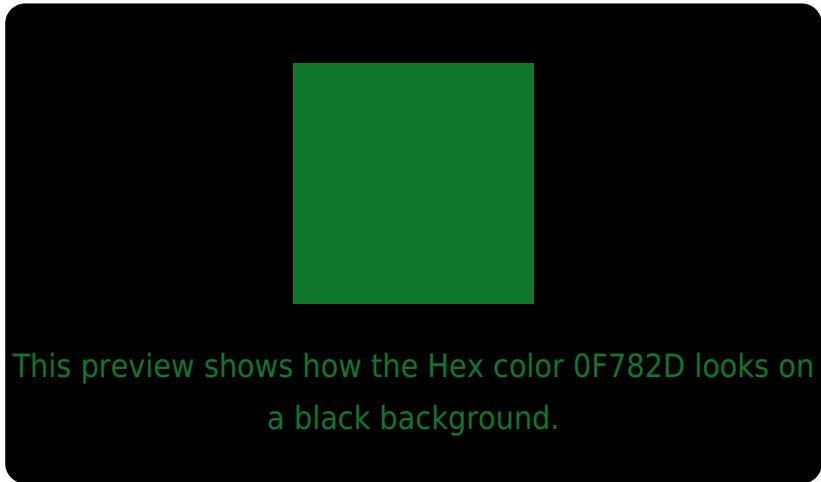
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F782D Background



This preview shows how black text looks on a background with the Hex color 0F782D.



This preview shows how white text looks on a background with the Hex color 0F782D.

# 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**  
0F782D

**Protanopia**  
736728

**Deuteranopia**  
7F6234



**Tritanopia**  
32707A

# Trichromacy



**Original Color**  
0F782D



**Protanomaly**  
4F6D2A



**Deuteranomaly**  
566A31



**Tritanomaly**  
25735E

# Monochromacy



**Original Color**  
0F782D



**Achromatopsia**  
505050



**Achromatomaly**  
385F43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F782D 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 #0F782D looks like.

```
.text, #text, p{  
    color:#0F782D  
}
```

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 #0F782D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F782D
}
```

## Border

The CSS property to change the border of an element to Hex 0F782D 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".

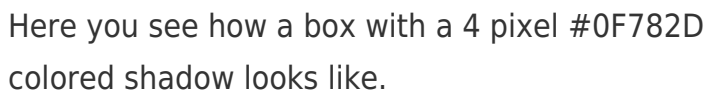
```
.border, #border, table{ border:4px solid
#0F782D }
```

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

```
.border{ border-color:#0F782D }
```

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

Here you see how a box with a 4 pixel #0F782D colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F782D; -webkit-box-shadow:4px 4px  
4px 4px #0F782D; box-shadow:4px 4px 4px  
4px #0F782D }
```

# Background

The CSS property to change the background color of an element to Hex 0F782D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F782D }
```

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

```
.background{ background-color:#0F782D }
```

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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