

Converting Colors

Hex(0F701C)

Have a look what the booklet for
Hex(0F701C) contains.

Hex(0F701C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0F701C)

Conversions

Conversions Part 1

Format	Color
Hex	0F701C
RGB	15, 112, 28
RGB Percent	6%, 44%, 11%
CMY	0.9412, 0.5608, 0.8902
CMYK	0.87, 0.00, 0.75, 0.56
HSL	128°, 76%, 25%
HSV	128°, 87%, 44%
XYZ	6.2008, 11.7737, 3.0444
YIQ	73.4210, -30.8480, -46.6880

Conversions

Conversions Part 2

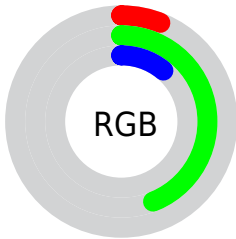
Format	Color
RYB	15, 101, 112
Decimal	1011740
CIELab	40.85, -43.78, 37.32
CIELCh	41, 57.528, 139.552
Yxy	11.7737, 0.2950, 0.5602
Android (android.graphics.Color)	4279201820 (0xFF0F701C)
YUV	73.4210, -22.3926, -51.2352
Hunter-Lab	34.3129, -27.7903, 18.7586

Details

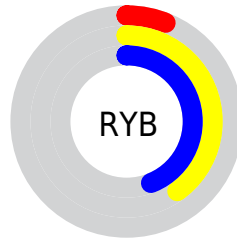
The Hex color **0F701C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **700F63**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **50A54D**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **047012**, and if you desaturate by 10%, it is **1A7026**.

Distribution



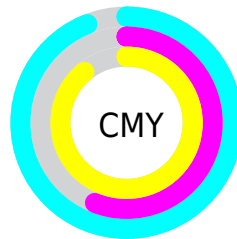
- Red (6%)
- Green (44%)
- Blue (11%)



- Red (6%)
- Yellow (40%)
- Blue (44%)



- Cyan (87%)
- Magenta (0%)
- Yellow (75%)
- Black (56%)



- Cyan (94%)
- Magenta (56%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F701C 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 0F701C by changing the saturation by 10% instead.



0F701C



0F701C

FFFFFF



005700



50A54D



003E00



6CC066



002900



87DD80



000600



A3F99B



000000



C0FFB6



DDFFD2



FAFFEF



0F701C



0F701C

■ 047012

■ 1A7026

■ 00700F

■ 25702F

■ 317039

■ 3C7043

■ 47704C

■ 527056

■ 5D7060

■ 69706A

■ 747073

Harmonies

Analogous

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



586700



0F701C



00744E

Triad

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



0F701C



006BBE



B22D44

Complementary

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



0F701C



700F63

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.



AB2D73



0F701C



345BBA

Square

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



0F701C



0073A8



88449E



A24317

Rectangle

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



0F701C



00756F



88449E



B32953

Sweetspot

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



0F701C



6C9171



63700F



334A36



C9C9C9



4A4A4A

Same Dimension

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



0F701C



009113



0F704C



323833



007810



00F721

Inverse Universe

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



700F63



91007E



700F33



383237



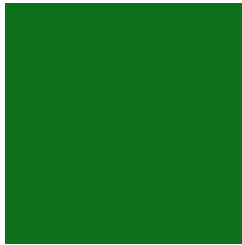
780068



F700D6

Previews

White Background



This preview shows how the Hex color 0F701C looks on a white background.

Color Contrast Check

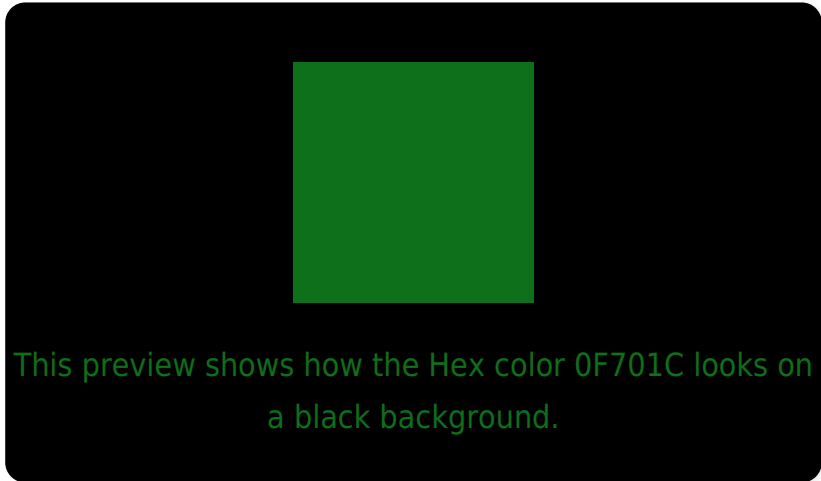
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F701C Background



This preview shows how black text looks on a background with the Hex color 0F701C.



This preview shows how white text looks on a background with the Hex color 0F701C.

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
0F701C

Protanopia
6C6018

Deuteranopia
785B24



Tritanopia
306871

Trichromacy



Original Color
0F701C



Protanomaly
4A6619



Deuteranomaly
526321

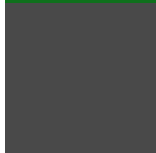


Tritanomaly
246B52

Monochromacy



Original Color
0F701C



Achromatopsia
494949



Achromatomaly
345739

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F701C 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 #0F701C looks like.

```
.text, #text, p{  
    color:#0F701C  
}
```

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 #0F701C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F701C
}
```

Border

The CSS property to change the border of an element to Hex 0F701C 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".

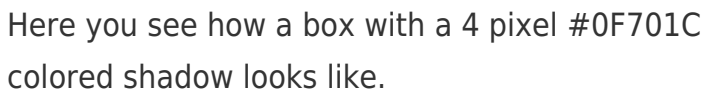
```
.border, #border, table{ border:4px solid
#0F701C }
```

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

```
.border{ border-color:#0F701C }
```

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

Here you see how a box with a 4 pixel #0F701C 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 #0F701C; -webkit-box-shadow:4px 4px  
4px 4px #0F701C; box-shadow:4px 4px 4px  
4px #0F701C }
```

Background

The CSS property to change the background color of an element to Hex 0F701C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F701C }
```

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

```
.background{ background-color:#0F701C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor