

Converting Colors

Hex(0F691E)

Have a look what the booklet for
Hex(0F691E) contains.

Hex(0F691E)	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(0F691E)

Conversions

Conversions Part 1

Format	Color
Hex	0F691E
RGB	15, 105, 30
RGB Percent	6%, 41%, 12%
CMY	0.9412, 0.5882, 0.8824
CMYK	0.86, 0.00, 0.71, 0.59
HSL	130°, 75%, 24%
HSV	130°, 86%, 41%
XYZ	5.4829, 10.2984, 2.9271
YIQ	69.5400, -29.5650, -42.4050

Conversions

Conversions Part 2

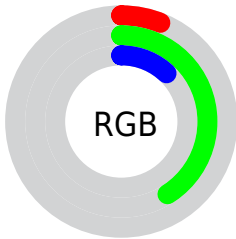
Format	Color
RYB	15, 92, 105
Decimal	1009950
CIELab	38.37, -41.17, 33.83
CIELCh	38, 53.289, 140.588
Yxy	10.2984, 0.2931, 0.5505
Android (android.graphics.Color)	4279200030 (0xFF0F691E)
YUV	69.5400, -19.4932, -47.8316
Hunter-Lab	32.0912, -25.6621, 17.0559

Details

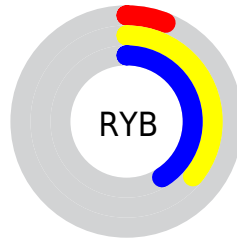
The Hex color **0F691E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **690F5A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4E9D4E**, and **003800** is the 20% darker color. If you saturate the color by 10%, you get **056915**, and if you desaturate by 10%, it is **1A6927**.

Distribution



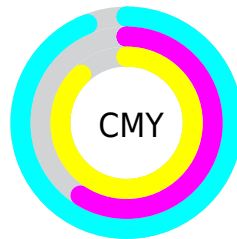
- Red (6%)
- Green (41%)
- Blue (12%)



- Red (6%)
- Yellow (36%)
- Blue (41%)



- Cyan (86%)
- Magenta (0%)
- Yellow (71%)
- Black (59%)



- Cyan (94%)
- Magenta (59%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F691E 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 0F691E by changing the saturation by 10% instead.



0F691E



0F691E

FFFFFF



005004



4E9D4E



003800



69B967



002400



84D581



000000



A0F19B



BCFFB7



D9FFD2



F6FFE7



0F691E



0F691E

■ 056915

■ 1A6927

■ 006911

■ 24692F

■ 2F6938

■ 396941

■ 44694A

■ 4E6953

■ 59695B

■ 636964

■ 6E696D

Harmonies

Analogous

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



516100



0F691E



006D4B

Triad

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



0F691E



0064B0



A62D3F

Complementary

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



0F691E



690F5A

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.



A02C6A



0F691E



3855AC

Square

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



0F691E



006B9D



804092



964016

Rectangle

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



0F691E



006E69



804092



A62A4D

Sweetspot

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



0F691E



668A6C



5A690F



304533



C4C4C4



454545

Same Dimension

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



0F691E



008A17



0F694B



303631



007514



00F529

Inverse Universe

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



690F5A



8A0073



690F2D



363035



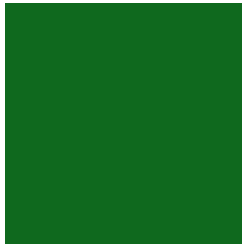
750062



F500CC

Previews

White Background



This preview shows how the Hex color 0F691E looks on a white background.

Color Contrast Check

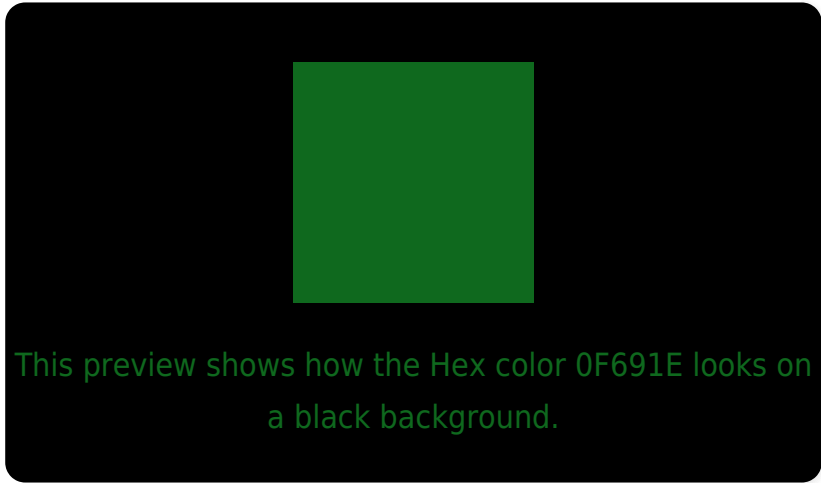
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F691E Background



This preview shows how black text looks on a background with the Hex color 0F691E.



This preview shows how white text looks on a background with the Hex color 0F691E.

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
0F691E

Protanopia
655A1A

Deuteranopia
705625



Tritanopia
2D626A

Trichromacy



Original Color
0F691E



Protanomaly
465F1B



Deuteranomaly
4D5D22



Tritanomaly
22654E

Monochromacy



Original Color
0F691E



Achromatopsia
464646



Achromatomaly
325337

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F691E 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 #0F691E looks like.

```
.text, #text, p{  
    color:#0F691E  
}
```

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 #0F691E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F691E
}
```

Border

The CSS property to change the border of an element to Hex 0F691E 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".

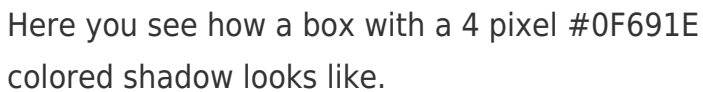
```
.border, #border, table{ border:4px solid
#0F691E }
```

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

```
.border{ border-color:#0F691E }
```

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

Here you see how a box with a 4 pixel #0F691E 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 #0F691E; -webkit-box-shadow:4px 4px  
4px 4px #0F691E; box-shadow:4px 4px 4px  
4px #0F691E }
```

Background

The CSS property to change the background color of an element to Hex 0F691E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F691E }
```

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

```
.background{ background-color:#0F691E }
```

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