

Converting Colors

Hex(0B701F)

Have a look what the booklet for
Hex(0B701F) contains.

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Color

Hex(0B701F)

Conversions

Conversions Part 1

Format	Color
Hex	0B701F
RGB	11, 112, 31
RGB Percent	4%, 44%, 12%
CMY	0.9569, 0.5608, 0.8784
CMYK	0.90, 0.00, 0.72, 0.56
HSL	132°, 82%, 24%
HSV	132°, 90%, 44%
XYZ	6.1795, 11.7584, 3.2402
YIQ	72.5670, -34.1950, -46.6030

Conversions

Conversions Part 2

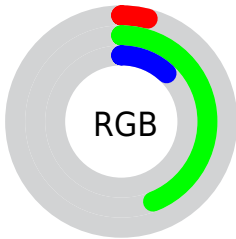
Format	Color
RYB	11, 95, 112
Decimal	749599
CIELab	40.83, -43.90, 36.00
CIELCh	41, 56.778, 140.645
Yxy	11.7584, 0.2918, 0.5552
Android (android.graphics.Color)	4278939679 (0xFF0B701F)
YUV	72.5670, -20.4925, -53.9943
Hunter-Lab	34.2905, -27.8410, 18.4009

Details

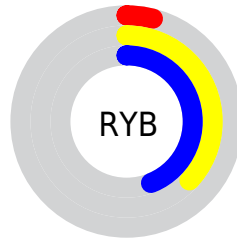
The Hex color **0B701F** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **700B5C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4EA550**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **007016**, and if you desaturate by 10%, it is **167028**.

Distribution



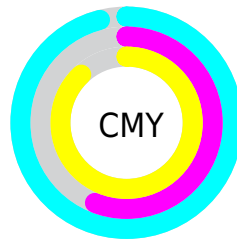
- Red (4%)
- Green (44%)
- Blue (12%)



- Red (4%)
- Yellow (37%)
- Blue (44%)



- Cyan (90%)
- Magenta (0%)
- Yellow (72%)
- Black (56%)



- Cyan (96%)
- Magenta (56%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B701F 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 0B701F by changing the saturation by 10% instead.

 0B701F

 0B701F

FFFFFF

 005704

 4EA550

 003E00

 6AC069

 002900

 86DD83

 000600

 A2F99D

 000000

 BEFFB9

 DBFFD5

 F9FFF1

 0B701F

 0B701F

■ 007016

■ 167028

■ 217031

■ 2D703A

■ 387043

■ 43704C

■ 4E7055

■ 59705E

■ 657067

■ 707070

Harmonies

Analogous

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



566800



0B701F



007450

Triad

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



0B701F



006ABD



B12F43

Complementary

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



0B701F



700B5C

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.



AB2D71



0B701F



3B5AB8

Square

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



0B701F



0072A8



89439C



A14416

Rectangle

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



0B701F



007570



89439C



B22B52

Sweetspot

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



0B701F



6A9172



5D700B



324A37



C9C9C9



4A4A4A

Same Dimension

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



0B701F



00911D



0B7050



323834



007818



00F731

Inverse Universe

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



700B5C



910075



700B2B



383237



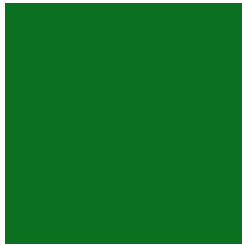
780060



F700C6

Previews

White Background



This preview shows how the Hex color 0B701F looks on a white background.

Color Contrast Check

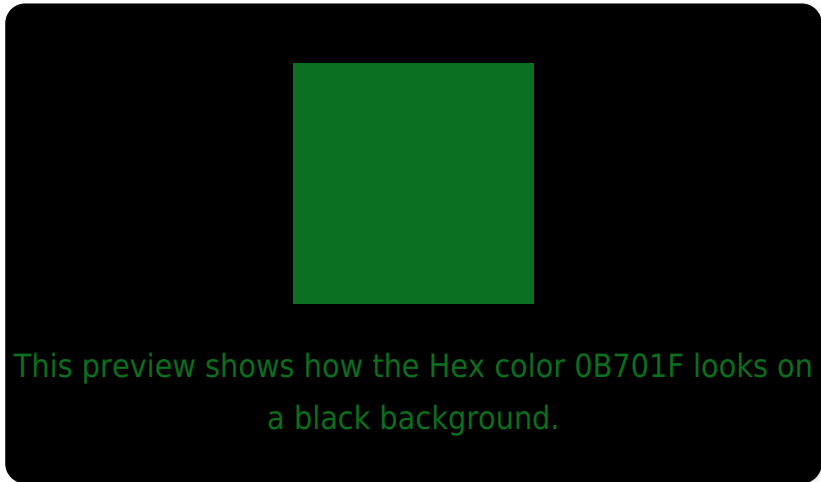
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B701F Background



This preview shows how black text looks on a background with the Hex color 0B701F.



This preview shows how white text looks on a background with the Hex color 0B701F.

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
0B701F

Protanopia
6C601B

Deuteranopia
775B27



Tritanopia
2F6971

Trichromacy



Original Color
0B701F



Protanomaly
49661C



Deuteranomaly
506324

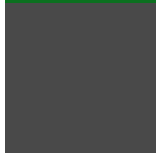


Tritanomaly
226C53

Monochromacy



Original Color
0B701F



Achromatopsia
494949



Achromatomaly
32573A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B701F 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 #0B701F looks like.

```
.text, #text, p{  
    color:#0B701F  
}
```

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 #0B701F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B701F
}
```

Border

The CSS property to change the border of an element to Hex 0B701F 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".

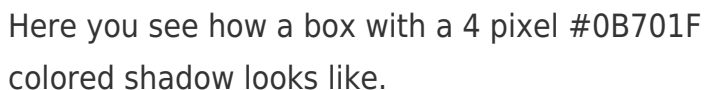
```
.border, #border, table{ border:4px solid
#0B701F }
```

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

```
.border{ border-color:#0B701F }
```

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

Here you see how a box with a 4 pixel #0B701F colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B701F; -webkit-box-shadow:4px 4px  
4px 4px #0B701F; box-shadow:4px 4px 4px  
4px #0B701F }
```

Background

The CSS property to change the background color of an element to Hex 0B701F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B701F }
```

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

```
.background{ background-color:#0B701F }
```

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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