

Converting Colors

Hex(00751F)

Have a look what the booklet for
Hex(00751F) contains.

Hex(00751F)	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(00751F)

Conversions

Conversions Part 1

Format	Color
Hex	00751F
RGB	0, 117, 31
RGB Percent	0%, 46%, 12%
CMY	1.0000, 0.5412, 0.8784
CMYK	1.00, 0.00, 0.74, 0.54
HSL	136°, 100%, 23%
HSV	136°, 100%, 46%
XYZ	6.6086, 12.8215, 3.4228
YIQ	72.2130, -42.1260, -51.5500

Conversions

Conversions Part 2

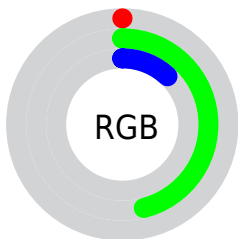
Format	Color
RYB	0, 92, 117
Decimal	29983
CIELab	42.49, -46.52, 37.73
CIELCh	42, 59.899, 140.959
Yxy	12.8215, 0.2892, 0.5610
Android (android.graphics.Color)	4278220063 (0xFF00751F)
YUV	72.2130, -20.3180, -63.3308
Hunter-Lab	35.8071, -29.7183, 19.3974

Details

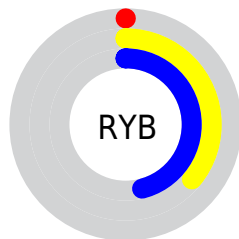
The Hex color **00751F** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **750056**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4CAA50**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **00751F**, and if you desaturate by 10%, it is **0C7528**.

Distribution



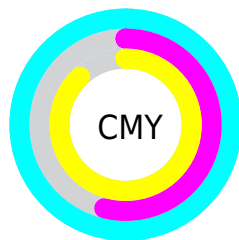
- Red (0%)
- Green (46%)
- Blue (12%)



- Red (0%)
- Yellow (36%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00751F 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 00751F by changing the saturation by 10% instead.

 00751F

 00751F

FFFFFF

 005C03

 4CAA50

 004300

 69C66A

 002D00

 85E284

 001000

 A1FF9E

 000000

 BEFFBA

 DBFFD6

 F8FFF3

 00751F

 0C7528

 177530

 237539

 2F7541

 3B754A

 467553

 52755B

 5E7564

 69756C

Harmonies

Analogous

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



596C00



00751F



007953

Triad

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



00751F



006FC7



BA2F44

Complementary

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



00751F



750056

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.



B42D75



00751F



3C5EC2

Square

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



00751F



0077B1



9045A3



A84614

Rectangle

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



00751F



007A76



9045A3



BB2A54

Sweetspot

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



00751F



6B9977



587500



314D38



CCCCCC



4D4D4D

Same Dimension

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



00751F



009929



007558



353B36



007A20



00FA42

Inverse Universe

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



750056



990070



75001D



3B3539



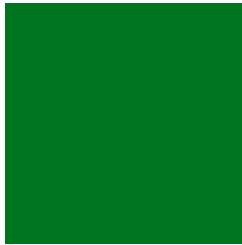
7A005A



FA00B8

Previews

White Background



This preview shows how the Hex color 00751F looks on a white background.

Color Contrast Check

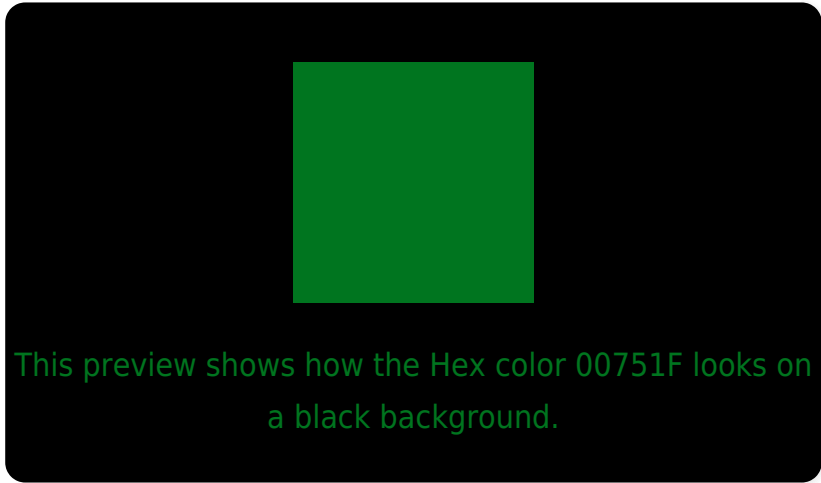
Large Text (above 18pt) WCAG AA ✓ Pass

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 00751F Background



This preview shows how black text looks on a background with the Hex color 00751F.



This preview shows how white text looks on a background with the Hex color 00751F.

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
00751F

Protanopia
70641B

Deuteranopia
7D5F27



Tritanopia
306D76

Trichromacy



Original Color
00751F



Protanomaly
476A1C



Deuteranomaly
506724



Tritanomaly
1F7056

Monochromacy



Original Color
00751F



Achromatopsia
484848



Achromatomaly
2E5839

CSS Examples

Text

The CSS property to change the color of the text to Hex 00751F 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 #00751F looks like.

```
.text, #text, p{  
    color:#00751F  
}
```

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 #00751F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00751F
}
```

Border

The CSS property to change the border of an element to Hex 00751F is called "border". The border property can be set on classes, ids or directly on the HTML element.

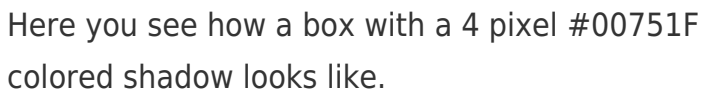
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00751F }
```

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

```
.border{ border-color:#00751F }
```

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



Here you see how a box with a 4 pixel #00751F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00751F; -webkit-box-shadow:4px 4px  
4px 4px #00751F; box-shadow:4px 4px 4px  
4px #00751F }
```

Background

The CSS property to change the background color of an element to Hex 00751F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00751F }
```

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

```
.background{ background-color:#00751F }
```

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