

Converting Colors

Hex(00751B)

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

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Color

Hex(00751B)

Conversions

Conversions Part 1

Format	Color
Hex	00751B
RGB	0, 117, 27
RGB Percent	0%, 46%, 11%
CMY	1.0000, 0.5412, 0.8941
CMYK	1.00, 0.00, 0.77, 0.54
HSL	134°, 100%, 23%
HSV	134°, 100%, 46%
XYZ	6.5591, 12.8017, 3.1622
YIQ	71.7570, -40.8420, -52.7940

Conversions

Conversions Part 2

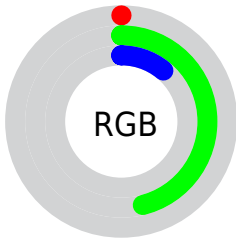
Format	Color
RYB	0, 95, 117
Decimal	29979
CIELab	42.46, -46.91, 39.32
CIELCh	42, 61.209, 140.027
Yxy	12.8017, 0.2912, 0.5684
Android (android.graphics.Color)	4278220059 (0xFF00751B)
YUV	71.7570, -22.0652, -62.9309
Hunter-Lab	35.7795, -29.8913, 19.8056

Details

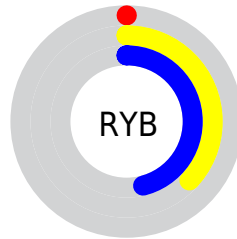
The Hex color **00751B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **75005A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4DAA4D**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **00751B**, and if you desaturate by 10%, it is **0C7524**.

Distribution



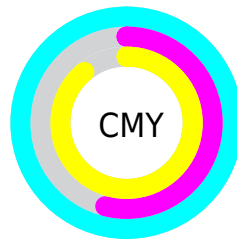
- Red (0%)
- Green (46%)
- Blue (11%)



- Red (0%)
- Yellow (37%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (89%)

Brightness & Saturation Gradients

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

 00751B

 00751B

FFFFFF

 005C00

 4DAA4D

 004300

 69C666

 002D00

 85E280

 001000

 A1FF9B

 000000

 BEFFB6

 DBFFD2

 F9FFEf

 00751B

 0C7524

 17752D

 237536

 2F753F

 3B7548

 467551

 52755A

 5E7563

 69756C

Harmonies

Analogous

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



5A6C00



00751B



007951

Triad

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



00751B



006FC9



BB2B45

Complementary

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



00751B



75005A

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.



B52A77



00751B



355EC4

Square

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



00751B



0078B1



8F45A6



AA4514

Rectangle

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



00751B



007A74



8F45A6



BC2756

Sweetspot

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



00751B



6B9976



5C7500



314D37



CCCCCC



4D4D4D

Same Dimension

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



00751B



009923



007554



353B36



007A1C



00FA3A

Inverse Universe

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



75005A



990076



750021



3B3539



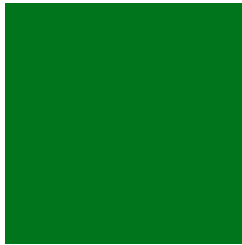
7A005E



FA00C0

Previews

White Background



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

Color Contrast Check

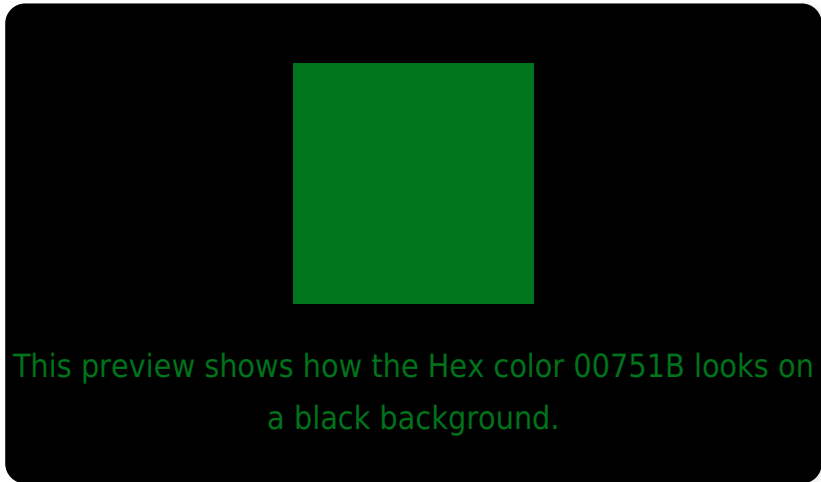
Large Text (above 18pt) WCAG AA ✓ Pass

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 00751B Background



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



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

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
00751B

Protanopia
716417

Deuteranopia
7D5F24



Tritanopia
306D76

Trichromacy



Original Color
00751B



Protanomaly
486A18



Deuteranomaly
506721

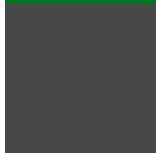


Tritanomaly
1F7055

Monochromacy



Original Color
00751B



Achromatopsia
484848



Achromatomaly
2E5838

CSS Examples

Text

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

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

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 #00751B colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 00751B 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".

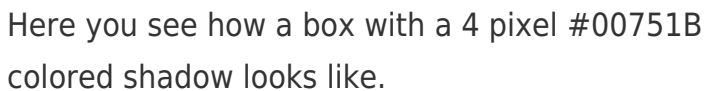
```
.border, #border, table{ border:4px solid
#00751B }
```

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

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

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

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



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

Background

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

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

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

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

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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