

Converting Colors

Hex(01741B)

Have a look what the booklet for
Hex(01741B) contains.

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Color

Hex(01741B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 01741B |
| RGB | 1, 116, 27 |
| RGB Percent | 0%, 45%, 11% |
| CMY | 0.9961, 0.5451, 0.8941 |
| CMYK | 0.99, 0.00, 0.77, 0.55 |
| HSL | 134°, 98%, 23% |
| HSV | 134°, 99%, 45% |
| XYZ | 6.4557, 12.5764, 3.1241 |
| YIQ | 71.4690, -39.9710, -52.0590 |

Conversions

Conversions Part 2

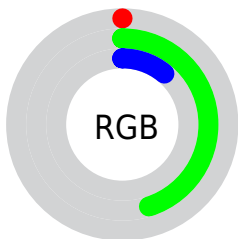
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 1, 95, 116 |
| Decimal | 95259 |
| CIELab | 42.12, -46.50, 38.97 |
| CIELCh | 42, 60.677, 140.034 |
| Yxy | 12.5764, 0.2914, 0.5676 |
| Android (android.graphics.Color) | 4278285339 (0xFF01741B) |
| YUV | 71.4690, -21.9232, -61.8013 |
| Hunter-Lab | 35.4632, -29.5663, 19.6011 |

Details

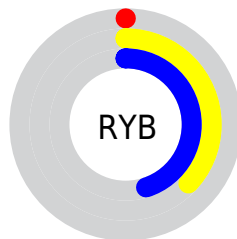
The Hex color **01741B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **74015A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4DA94D**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **00741A**, and if you desaturate by 10%, it is **0D7424**.

Distribution



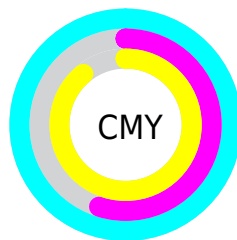
- Red (0%)
- Green (45%)
- Blue (11%)



- Red (0%)
- Yellow (37%)
- Blue (45%)



- Cyan (99%)
- Magenta (0%)
- Yellow (77%)
- Black (55%)




- Cyan (100%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01741B 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 01741B by changing the saturation by 10% instead.

 01741B

 01741B

FFFFFF

 005B00

 4DA94D

 004200

 69C566

 002C00

 85E180

 000E00


 A1FE9B

 000000

 BEFFB6

 DBFFD2

 F8FFE0

 01741B

 01741B

■ 00741A

■ 0D7424

■ 18742D

■ 247436

■ 2F743F

■ 3B7448

■ 477451

■ 52745A

■ 5E7463

■ 69746C

Harmonies

Analogous

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



596B00



01741B



007850

Triad

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



01741B



006EC7



BA2B45

Complementary

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



01741B



74015A

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.



B32A76



01741B



355EC2

Square

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



01741B



0077B0



8E44A4



A84414

Rectangle

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



01741B



007973



8E44A4



BA2755

Sweetspot

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



01741B



699674



5B7401



314D37



CCCCCC



4D4D4D

Same Dimension

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



01741B



009622



017453



353B36



007A1C



00FA38

Inverse Universe

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



74015A



960074



740122



3B3539



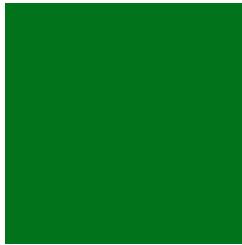
7A005F



FA00C1

Previews

White Background



This preview shows how the Hex color 01741B looks on a white background.

Color Contrast Check

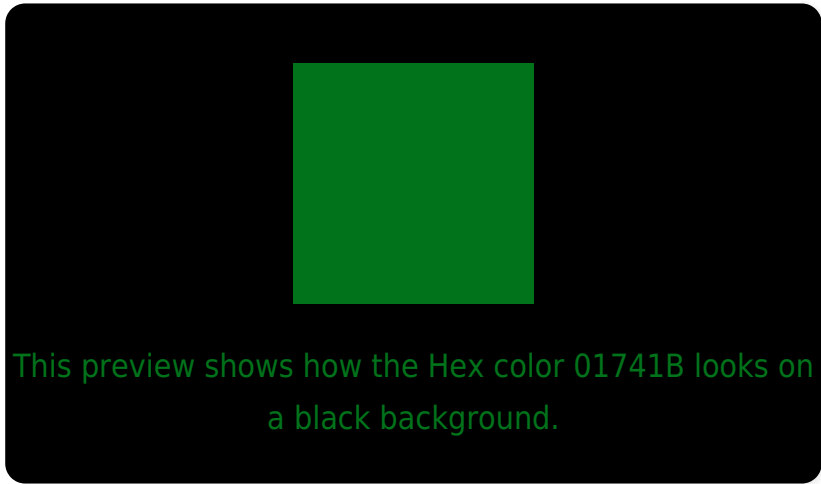
Large Text (above 18pt) WCAG AA ✓ Pass

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 01741B Background



This preview shows how black text looks on a background with the Hex color 01741B.



This preview shows how white text looks on a background with the Hex color 01741B.

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
01741B

Protanopia
706317

Deuteranopia
7C5E24



Tritanopia
306C75

Trichromacy



Original Color
01741B



Protanomaly
486918



Deuteranomaly
4F6621



Tritanomaly
1F6F54

Monochromacy



Original Color
01741B



Achromatopsia
474747



Achromatomaly
2E5737

CSS Examples

Text

The CSS property to change the color of the text to Hex 01741B 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 #01741B looks like.

```
.text, #text, p{  
    color:#01741B  
}
```

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 #01741B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01741B
}
```

Border

The CSS property to change the border of an element to Hex 01741B 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
#01741B }
```

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

```
.border{ border-color:#01741B }
```

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

Here you see how a box with a 4 pixel #01741B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01741B; -webkit-box-shadow:4px 4px  
4px 4px #01741B; box-shadow:4px 4px 4px  
4px #01741B }
```

Background

The CSS property to change the background color of an element to Hex 01741B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01741B }
```

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

```
.background{ background-color:#01741B }
```

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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