

Converting Colors

Hex(07701D)

Have a look what the booklet for
Hex(07701D) contains.

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Color

Hex(07701D)

Conversions

Conversions Part 1

Format	Color
Hex	07701D
RGB	7, 112, 29
RGB Percent	3%, 44%, 11%
CMY	0.9725, 0.5608, 0.8863
CMYK	0.94, 0.00, 0.74, 0.56
HSL	133°, 88%, 23%
HSV	133°, 94%, 44%
XYZ	6.1036, 11.7222, 3.1033
YIQ	71.1430, -35.9370, -48.0730

Conversions

Conversions Part 2

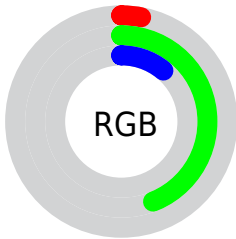
Format	Color
RYB	7, 94, 112
Decimal	487453
CIELab	40.77, -44.48, 36.79
CIELCh	41, 57.721, 140.405
Yxy	11.7222, 0.2916, 0.5601
Android (android.graphics.Color)	4278677533 (0xFF07701D)
YUV	71.1430, -20.7765, -56.2534
Hunter-Lab	34.2377, -28.0948, 18.5923

Details

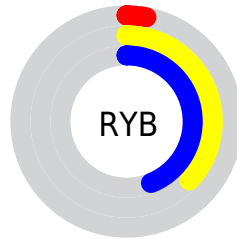
The Hex color **07701D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **70075A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4DA54E**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **007017**, and if you desaturate by 10%, it is **127026**.

Distribution



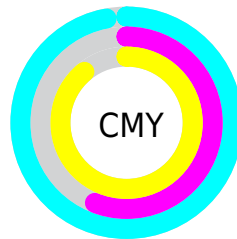
- Red (3%)
- Green (44%)
- Blue (11%)



- Red (3%)
- Yellow (37%)
- Blue (44%)



- Cyan (94%)
- Magenta (0%)
- Yellow (74%)
- Black (56%)



- Cyan (97%)
- Magenta (56%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07701D 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 07701D by changing the saturation by 10% instead.

 07701D

 07701D

FFFFFF

 005701

 4DA54E

 003E00

 69C067

 002900

 85DD81

 000500

 A1F99C

 000000

 BDFFB7

 DAFFD3

 F8FFF0

 07701D

 07701D

■ 007017

■ 127026

■ 1D702F

■ 297038

■ 347040

■ 3F7049

■ 4A7052

■ 55705B

■ 617064

■ 6C706D

Harmonies

Analogous

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



566700



07701D



00744F

Triad

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



07701D



006ABE



B22D42

Complementary

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



07701D



70075A

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.



AC2C71



07701D



385ABA

Square

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



07701D



0073A9



89439D



A24315

Rectangle

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



07701D



007570



89439D



B32952

Sweetspot

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



07701D



699171



5B7007



314A36



C9C9C9



4A4A4A

Same Dimension

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



07701D



00911E



077051



323834



007819



00F734

Inverse Universe

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



70075A



910073



700727



383237



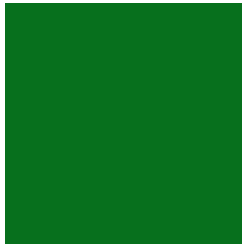
78005F



F700C4

Previews

White Background



This preview shows how the Hex color 07701D looks on a white background.

Color Contrast Check

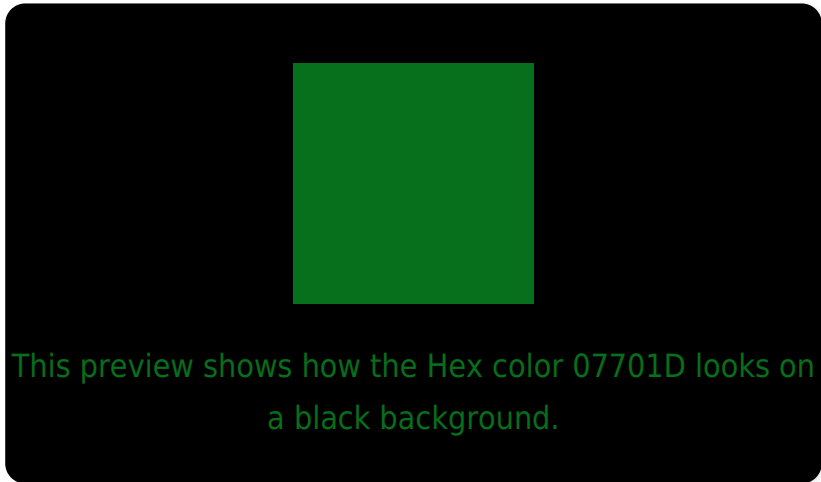
Large Text (above 18pt) WCAG AA ✓ Pass

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 07701D Background



This preview shows how black text looks on a background with the Hex color 07701D.



This preview shows how white text looks on a background with the Hex color 07701D.

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
07701D

Protanopia
6C6019

Deuteranopia
775B25



Tritanopia
2E6871

Trichromacy



Original Color
07701D



Protanomaly
47661A



Deuteranomaly
4E6322



Tritanomaly
206B52

Monochromacy



Original Color
07701D



Achromatopsia
474747



Achromatomaly
305638

CSS Examples

Text

The CSS property to change the color of the text to Hex 07701D 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 #07701D looks like.

```
.text, #text, p{  
    color:#07701D  
}
```

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 #07701D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07701D
}
```

Border

The CSS property to change the border of an element to Hex 07701D 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
#07701D }
```

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

```
.border{ border-color:#07701D }
```

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

Here you see how a box with a 4 pixel #07701D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07701D; -webkit-box-shadow:4px 4px  
4px 4px #07701D; box-shadow:4px 4px 4px  
4px #07701D }
```

Background

The CSS property to change the background color of an element to Hex 07701D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07701D }
```

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

```
.background{ background-color:#07701D }
```

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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