

Converting Colors

Hex(04701C)

Have a look what the booklet for
Hex(04701C) contains.

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Color

Hex(04701C)

Conversions

Conversions Part 1

Format	Color
Hex	04701C
RGB	4, 112, 28
RGB Percent	2%, 44%, 11%
CMY	0.9843, 0.5608, 0.8902
CMYK	0.96, 0.00, 0.75, 0.56
HSL	133°, 93%, 23%
HSV	133°, 96%, 44%
XYZ	6.0538, 11.6980, 3.0375
YIQ	70.1320, -37.4040, -49.0200

Conversions

Conversions Part 2

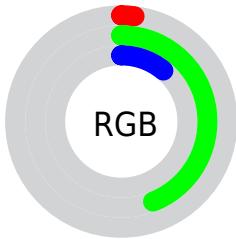
Format	Color
RYB	4, 92, 112
Decimal	290844
CIELab	40.73, -44.85, 37.16
CIELCh	41, 58.246, 140.362
Yxy	11.6980, 0.2912, 0.5627
Android (android.graphics.Color)	4278480924 (0xFF04701C)
YUV	70.1320, -20.7711, -57.9978
Hunter-Lab	34.2023, -28.2594, 18.6761

Details

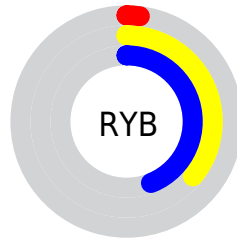
The Hex color **04701C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **700458**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4CA54D**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **007019**, and if you desaturate by 10%, it is **0F7025**.

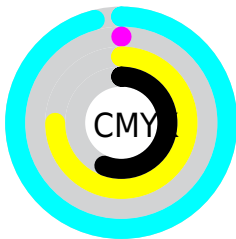
Distribution



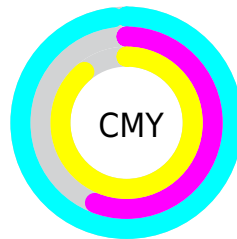
- Red (2%)
- Green (44%)
- Blue (11%)



- Red (2%)
- Yellow (36%)
- Blue (44%)



- Cyan (96%)
- Magenta (0%)
- Yellow (75%)
- Black (56%)



- Cyan (98%)
- Magenta (56%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04701C 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 04701C by changing the saturation by 10% instead.



04701C



04701C

FFFFFF



005700



4CA54D



003E00



68C066



002900



84DD80



000500



A0FA9B



000000



BCFFB6



D9FFD2



F7FFE7



04701C



04701C

■ 007019

■ 0F7025

■ 1A702D

■ 267036

■ 31703F

■ 3C7048

■ 477050

■ 527059

■ 5E7062

■ 69706A

Harmonies

Analogous

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



566700



04701C



00744E

Triad

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



04701C



006ABF



B32C42

Complementary

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



04701C



700458

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.



AC2A72



04701C



365ABA

Square

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



04701C



0073A9



89429E



A24314

Rectangle

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



04701C



007570



89429E



B32752

Sweetspot

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



04701C



679171



597004



304A36



C9C9C9



4A4A4A

Same Dimension

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



04701C



009120



047051



323834



00781B



00F737

Inverse Universe

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



700458



910071



700423



383237



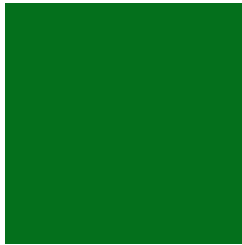
78005D



F700C0

Previews

White Background



This preview shows how the Hex color 04701C looks on a white background.

Color Contrast Check

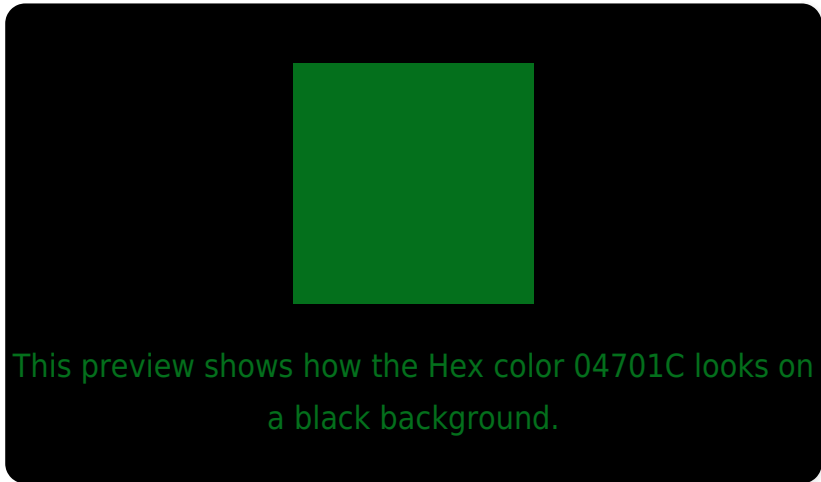
Large Text (above 18pt) WCAG AA ✓ Pass

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 04701C Background



This preview shows how black text looks on a background with the Hex color 04701C.



This preview shows how white text looks on a background with the Hex color 04701C.

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
04701C

Protanopia
6C6018

Deuteranopia
775B24



Tritanopia
2E6871

Trichromacy



Original Color

04701C



Protanomaly

466619



Deuteranomaly

4D6321



Tritanomaly

1F6B52

Monochromacy



Original Color

04701C



Achromatopsia

464646



Achromatomaly

2E5537

CSS Examples

Text

The CSS property to change the color of the text to Hex 04701C 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 #04701C looks like.

```
.text, #text, p{  
    color:#04701C  
}
```

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 #04701C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04701C
}
```

Border

The CSS property to change the border of an element to Hex 04701C 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".

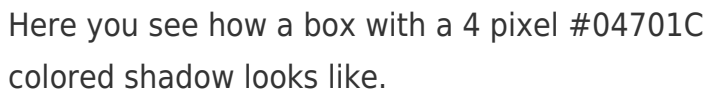
```
.border, #border, table{ border:4px solid
#04701C }
```

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

```
.border{ border-color:#04701C }
```

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

Here you see how a box with a 4 pixel #04701C colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04701C; -webkit-box-shadow:4px 4px  
4px 4px #04701C; box-shadow:4px 4px 4px  
4px #04701C }
```

Background

The CSS property to change the background color of an element to Hex 04701C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04701C }
```

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

```
.background{ background-color:#04701C }
```

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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