

Converting Colors

Hex(03701A)

Have a look what the booklet for
Hex(03701A) contains.

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Color

Hex(03701A)

Conversions

Conversions Part 1

Format	Color
Hex	03701A
RGB	3, 112, 26
RGB Percent	1%, 44%, 10%
CMY	0.9882, 0.5608, 0.8980
CMYK	0.97, 0.00, 0.77, 0.56
HSL	133°, 95%, 23%
HSV	133°, 97%, 44%
XYZ	6.0182, 11.6823, 2.9150
YIQ	69.6050, -37.3580, -49.8540

Conversions

Conversions Part 2

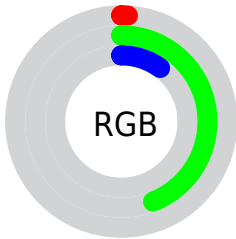
Format	Color
R_{YB}	3, 93, 112
Decimal	225306
CIE _{Lab}	40.71, -45.14, 37.94
CIE _{LCh}	41, 58.965, 139.952
Yxy	11.6823, 0.2919, 0.5667
Android (android.graphics.Color)	4278415386 (0xFF03701A)
YUV	69.6050, -21.4973, -58.4126
Hunter-Lab	34.1794, -28.3842, 18.8690

Details

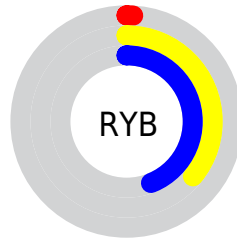
The Hex color **03701A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **700359**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4CA54C**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **007018**, and if you desaturate by 10%, it is **0E7023**.

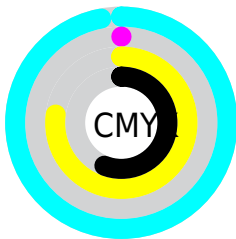
Distribution



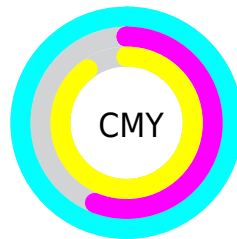
- Red (1%)
- Green (44%)
- Blue (10%)



- Red (1%)
- Yellow (36%)
- Blue (44%)



- Cyan (97%)
- Magenta (0%)
- Yellow (77%)
- Black (56%)



- Cyan (99%)
- Magenta (56%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03701A 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 03701A by changing the saturation by 10% instead.

 03701A

 03701A

FFFFFF

 005700

 4CA54C

 003E00

 68C065

 002900

 84DD7F

 000500

 A0FA99

 000000

 BCFFB4

 D9FFD0

 F7FFED

 03701A

 03701A

■ 007018

■ 0E7023

■ 19702C

■ 257035

■ 30703D

■ 3B7046

■ 46704F

■ 517058

■ 5D7061

■ 68706A

Harmonies

Analogous

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



566700



03701A



00744E

Triad

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



03701A



006BC0



B32A42

Complementary

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



03701A



700359

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.



AD2972



03701A



335ABC

Square

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



03701A



0073AA



89429F



A34213

Rectangle

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



03701A



00756F



89429F



B42652

Sweetspot

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



03701A



679170



5A7003



304A36



C9C9C9



4A4A4A

Same Dimension

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



03701A



00911F



03704F



323834



007819



00F734

Inverse Universe

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



700359



910073



700324



383237



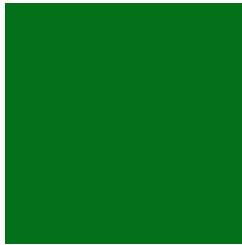
78005F



F700C3

Previews

White Background



This preview shows how the Hex color 03701A looks on a white background.

Color Contrast Check

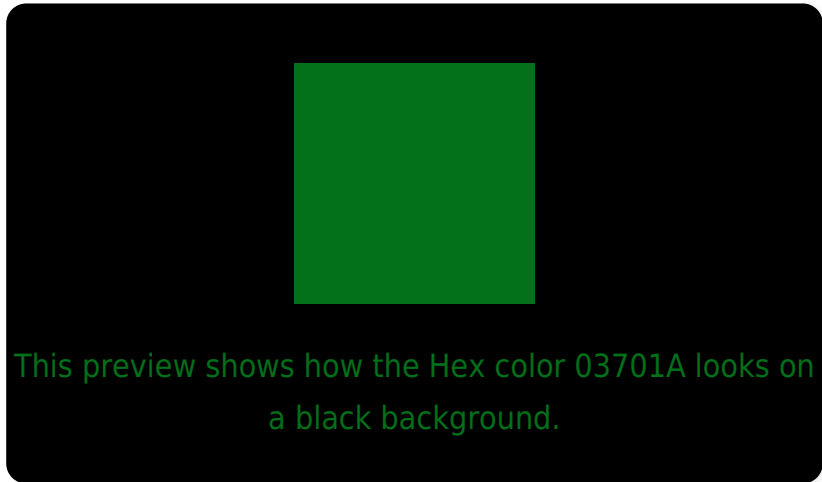
Large Text (above 18pt) WCAG AA ✓ Pass

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 03701A Background



This preview shows how black text looks on a background with the Hex color 03701A.



This preview shows how white text looks on a background with the Hex color 03701A.

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
03701A

Protanopia
6C6016

Deuteranopia
785B23



Tritanopia
2E6871

Trichromacy



Original Color
03701A



Protanomaly
466617



Deuteranomaly
4D6320



Tritanomaly
1E6B51

Monochromacy



Original Color
03701A



Achromatopsia
464646



Achromatomaly
2E553E

CSS Examples

Text

The CSS property to change the color of the text to Hex 03701A 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 #03701A looks like.

```
.text, #text, p{  
    color:#03701A  
}
```

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 #03701A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03701A
}
```

Border

The CSS property to change the border of an element to Hex 03701A 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".

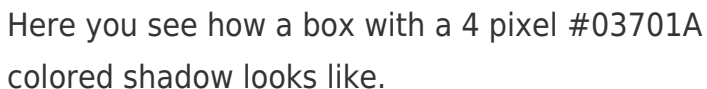
```
.border, #border, table{ border:4px solid
#03701A }
```

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

```
.border{ border-color:#03701A }
```

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

Here you see how a box with a 4 pixel #03701A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03701A; -webkit-box-shadow:4px 4px  
4px 4px #03701A; box-shadow:4px 4px 4px  
4px #03701A }
```

Background

The CSS property to change the background color of an element to Hex 03701A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03701A }
```

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

```
.background{ background-color:#03701A }
```

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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