

Converting Colors

Hex(00670A)

Have a look what the booklet for
Hex(00670A) contains.

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Color

Hex(00670A)

Conversions

Conversions Part 1

Format	Color
Hex	00670A
RGB	0, 103, 10
RGB Percent	0%, 40%, 4%
CMY	1.0000, 0.5961, 0.9608
CMYK	1.00, 0.00, 0.90, 0.60
HSL	126°, 100%, 20%
HSV	126°, 100%, 40%
XYZ	4.9050, 9.7224, 1.9053
YIQ	61.6010, -31.5350, -50.7590

Conversions

Conversions Part 2

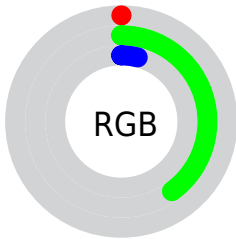
Format	Color
RYB	0, 94, 103
Decimal	26378
CIELab	37.34, -43.76, 40.04
CIELCh	37, 59.314, 137.540
Yxy	9.7224, 0.2967, 0.5881
Android (android.graphics.Color)	4278216458 (0xFF00670A)
YUV	61.6010, -25.4393, -54.0241
Hunter-Lab	31.1808, -26.4866, 18.2037

Details

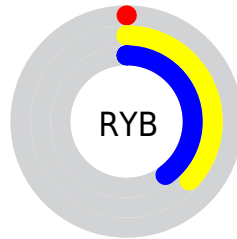
The Hex color **00670A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **67005D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **489B3F**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **00670A**, and if you desaturate by 10%, it is **0A6713**.

Distribution



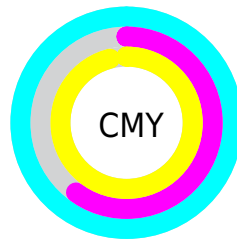
- Red (0%)
- Green (40%)
- Blue (4%)



- Red (0%)
- Yellow (37%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (90%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00670A 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 00670A by changing the saturation by 10% instead.

 00670A

 00670A

FFFFFFC

 004E00

 489B3F

 003600

 64B658

 002100

 80D272

 000000

 9CEF8C

 B8FFA7

 D5FFC3

 F2FFDF

 00670A

 0A6713

 15671D

 1F6726

 29672F

 346739

 3E6742

 48674B

 526754

 5D675E

Harmonies

Analogous

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



515E00



00670A



006B42

Triad

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



00670A



0063B6



AA1C3E

Complementary

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



00670A



67005D

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.



A21E6E



00670A



0A54B4

Square

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



00670A



006B9E



7B3B99



9B370F

Rectangle

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



00670A



006C63



7B3B99



AA174E

Sweetspot

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



00670A



5F8763



5E6700



2C452E



C4C4C4



454545

Same Dimension

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



00670A



00870D



00673C



2E332E



00730B



00F218

Inverse Universe

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



67005D



87007A



67002B



332E33



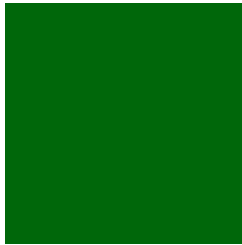
730068



F200DB

Previews

White Background



This preview shows how the Hex color 00670A looks on a white background.

Color Contrast Check

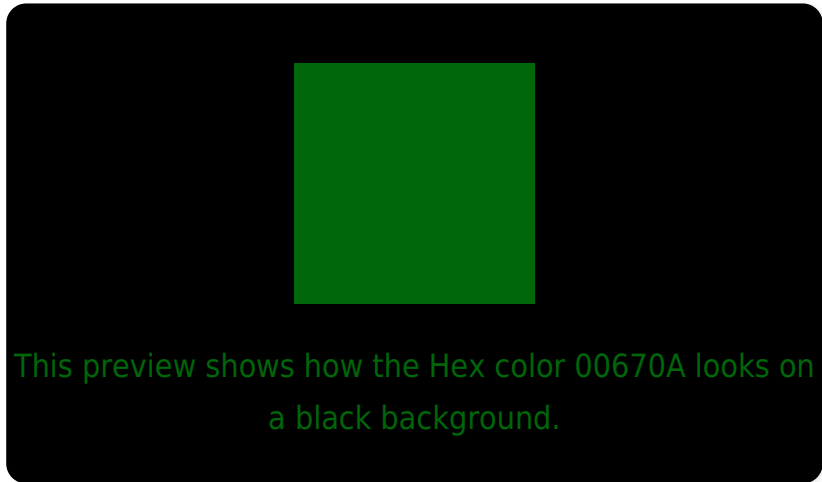
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 00670A Background



This preview shows how black text looks on a background with the Hex color 00670A.



This preview shows how white text looks on a background with the Hex color 00670A.

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
00670A

Protanopia
635800

Deuteranopia
6E5318



Tritanopia
2B6068

Trichromacy



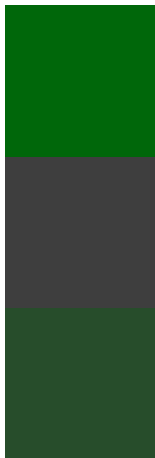
Original Color
00670A

Protanomaly
3F5D04

Deuteranomaly
465A13

Tritanomaly
1B6346

Monochromacy



Original Color
00670A

Achromatopsia
3E3E3E

Achromatomaly
274D2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00670A 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 #00670A looks like.

```
.text, #text, p{  
    color:#00670A  
}
```

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 #00670A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00670A
}
```

Border

The CSS property to change the border of an element to Hex 00670A 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
#00670A }
```

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

```
.border{ border-color:#00670A }
```

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

Here you see how a box with a 4 pixel #00670A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00670A; -webkit-box-shadow:4px 4px  
4px 4px #00670A; box-shadow:4px 4px 4px  
4px #00670A }
```

Background

The CSS property to change the background color of an element to Hex 00670A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00670A }
```

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

```
.background{ background-color:#00670A }
```

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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