

# Converting Colors

Hex(3C700F)

Have a look what the booklet for  
Hex(3C700F) contains.

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**Color**

**Hex(3C700F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C700F
RGB	60, 112, 15
RGB Percent	24%, 44%, 6%
CMY	0.7647, 0.5608, 0.9412
CMYK	0.46, 0.00, 0.87, 0.56
HSL	92°, 76%, 25%
HSV	92°, 87%, 44%
XYZ	7.7439, 12.5835, 2.4726
YIQ	85.3940, 0.1450, -41.1910

# Conversions

## Conversions Part 2

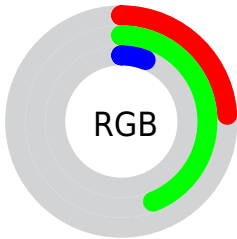
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 112, 67
Decimal	3960847
CIELab	42.13, -33.80, 43.59
CIELCh	42, 55.153, 127.790
Yxy	12.5835, 0.3396, 0.5519
Android (android.graphics.Color)	4282150927 (0xFF3C700F)
YUV	85.3940, -34.7042, -22.2705
Hunter-Lab	35.4732, -23.1112, 20.6985

# Details

The Hex color **3C700F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **430F70**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **71A444**, and **013F00** is the 20% darker color. If you saturate the color by 10%, you get **367004**, and if you desaturate by 10%, it is **42701A**.

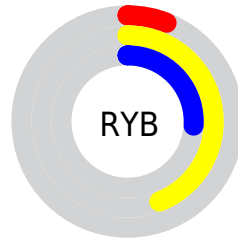
# Distribution



Red (24%)

Green (44%)

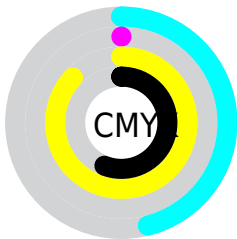
Blue (6%)



Red (6%)

Yellow (44%)

Blue (26%)

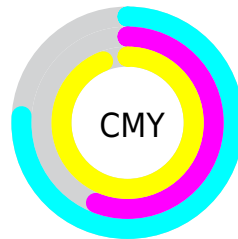


Cyan (46%)

Magenta (0%)

Yellow (87%)

Black (56%)



Cyan (76%)

Magenta (56%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C700F 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 3C700F by changing the saturation by 10% instead.



 3C700F

 3C700F

FFFFFF

 215700

 71A444

 013F00

 8CC05E

 002900

 A7DC78

 000E00

 C3F892

 000000

 E0FFAD

 FDFFC9

 FFFFE6

 3C700F

 3C700F

■ 367004

■ 42701A

■ 347000

■ 487025

■ 4E7031

■ 54703C

■ 5A7047

■ 607052

■ 66705D

■ 6C7069

■ 727074

# Harmonies

## Analogous

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



6D6500



3C700F



00763F

# Triad

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



3C700F



0071B8



B3315A

# Complementary

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



3C700F



430F70

# 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.



A23B87



3C700F



0065BE

# Square

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



3C700F



00779A



7352AC



AC3F2E

# Rectangle

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



3C700F



00785F



7352AC



B13269



# Sweetspot

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



3C700F



7D916C



70430F



3E4A33



C9C9C9



4A4A4A



# Same Dimension

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



3C700F



439100



0F7012



353832



387800



73F700



# Inverse Universe

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



430F70



4E0091



700F6D



353238



400078



8500F7



# Previews

## White Background



This preview shows how the Hex color 3C700F looks on a white background.

## Color Contrast Check

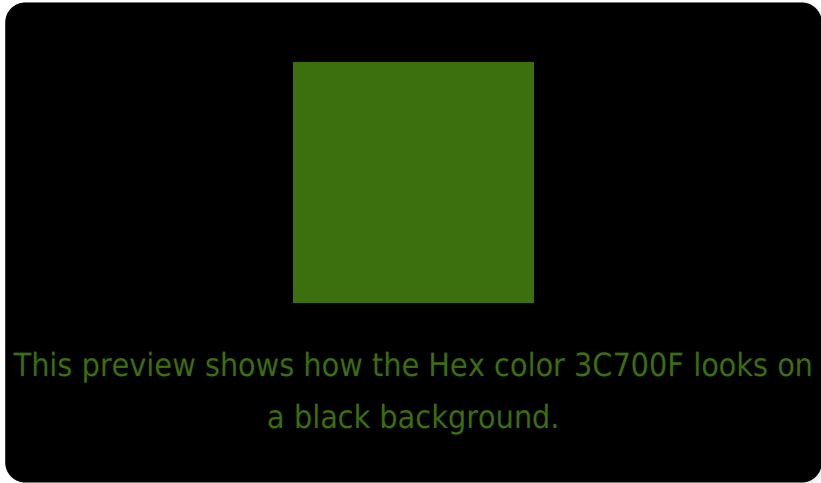
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C700F Background



This preview shows how black text looks on a background with the Hex color 3C700F.

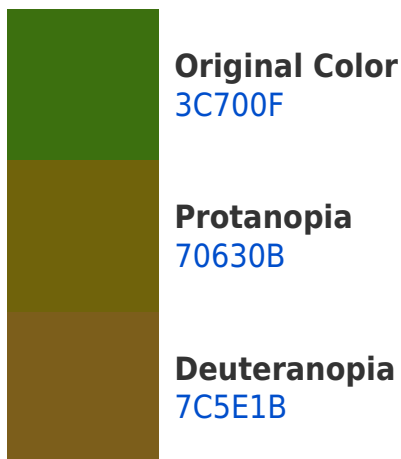



This preview shows how white text looks on a background with the Hex color 3C700F.

# 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





**Tritanopia**  
4A6871

# Trichromacy



**Original Color**  
3C700F

**Protanomaly**  
5D680C

**Deuteranomaly**  
656517

**Tritanomaly**  
456B4D

# Monochromacy



**Original Color**  
3C700F

**Achromatopsia**  
555555

**Achromatomaly**  
4C5F3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C700F 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 #3C700F looks like.

```
.text, #text, p{  
    color:#3C700F  
}
```

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 #3C700F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C700F
}
```

## Border

The CSS property to change the border of an element to Hex 3C700F is called "border". The border property can be set on classes, ids or directly on the HTML element.

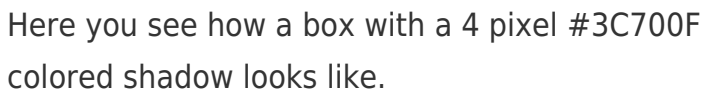
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C700F }
```

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

```
.border{ border-color:#3C700F }
```

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



Here you see how a box with a 4 pixel `#3C700F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C700F; -webkit-box-shadow:4px 4px  
4px 4px #3C700F; box-shadow:4px 4px 4px  
4px #3C700F }
```

# Background

The CSS property to change the background color of an element to Hex 3C700F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C700F }
```

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

```
.background{ background-color:#3C700F }
```

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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