

# Converting Colors

Hex(3F691F)

Have a look what the booklet for  
Hex(3F691F) contains.

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# Color

Hex(3F691F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F691F
RGB	63, 105, 31
RGB Percent	25%, 41%, 12%
CMY	0.7529, 0.5882, 0.8784
CMYK	0.40, 0.00, 0.70, 0.59
HSL	94°, 54%, 27%
HSV	94°, 70%, 41%
XYZ	7.3488, 11.2588, 3.0822
YIQ	84.0060, -1.2780, -31.9180

# Conversions

## Conversions Part 2

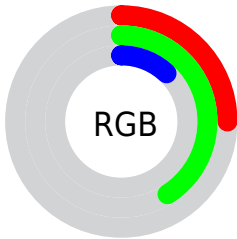
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 105, 73
Decimal	4155679
CIELab	40.01, -28.43, 35.62
CIElCh	40, 45.574, 128.592
Yxy	11.2588, 0.3388, 0.5191
Android (android.graphics.Color)	4282345759 (0xFF3F691F)
YUV	84.0060, -26.1320, -18.4223
Hunter-Lab	33.5542, -19.6261, 18.0418

# Details

The Hex color **3F691F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **491F69**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **729D4F**, and **0E3900** is the 20% darker color. If you saturate the color by 10%, you get **396915**, and if you desaturate by 10%, it is **45692A**.

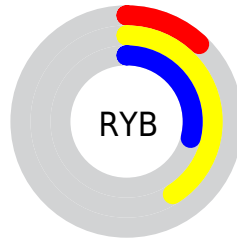
# Distribution



Red (25%)

Green (41%)

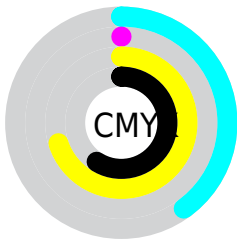
Blue (12%)



Red (12%)

Yellow (41%)

Blue (29%)

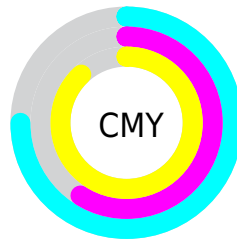


Cyan (40%)

Magenta (0%)

Yellow (70%)

Black (59%)



Cyan (75%)

Magenta (59%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F691F 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 3F691F by changing the saturation by 10% instead.





3F691F



3F691F

FFFFFF



265104



729D4F



0E3900



8DB868



002400



A8D382



000000



C4F09D



E0FFB8



FDDFD4



FFFFFF1



3F691F



3F691F

■ 396915

■ 45692A

■ 33690A

■ 4B6934

■ 2D6900

■ 51693F

■ 576949

■ 5D6954

■ 63695E

■ 696969

■ 6F6973

■ 75697E

# Harmonies

## Analogous

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



676007



3F691F



006E42

# Triad

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



3F691F



0069A3



A13A55

# Complementary

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



3F691F



491F69

# 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.



93407A



3F691F



1B5FA8

# Square

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



3F691F



006F8C



6E5099



9B4332

# Rectangle

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



3F691F



00705B



6E5099



9F3A62



# Sweetspot

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



3F691F



798A6D



69491F



3B4534



C4C4C4



454545



# Same Dimension

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



3F691F



478A15



1F6924



333630



337500



6AF500



# Inverse Universe

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



491F69



57158A



691F64



333036



430075

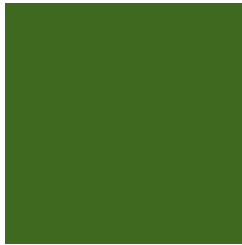


8B00F5



# Previews

## White Background



This preview shows how the Hex color 3F691F looks on a white background.

## Color Contrast Check

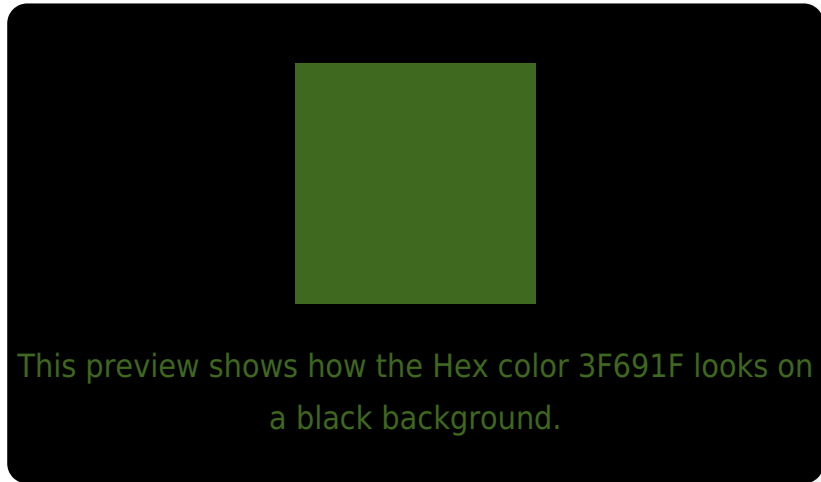
Large Text (above 18pt) WCAG AA ✓ Pass

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

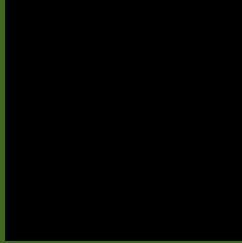
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3F691F Background



This preview shows how black text looks on a background with the Hex color 3F691F.



This preview shows how white text looks on a background with the Hex color 3F691F.

# 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**  
3F691F

**Protanopia**  
695E1C

**Deuteranopia**  
755925



**Tritanopia**  
4A626A

# Trichromacy



**Original Color**  
3F691F

**Protanomaly**  
5A621D

**Deuteranomaly**  
615F23

**Tritanomaly**  
46654F

# Monochromacy



**Original Color**  
3F691F

**Achromatopsia**  
545454

**Achromatomaly**  
4C5C41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F691F 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 #3F691F looks like.

```
.text, #text, p{  
    color:#3F691F  
}
```

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 #3F691F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F691F
}
```

## Border

The CSS property to change the border of an element to Hex 3F691F 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
#3F691F }
```

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

```
.border{ border-color:#3F691F }
```

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

Here you see how a box with a 4 pixel #3F691F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F691F; -webkit-box-shadow:4px 4px  
4px 4px #3F691F; box-shadow:4px 4px 4px  
4px #3F691F }
```

# Background

The CSS property to change the background color of an element to Hex 3F691F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F691F }
```

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

```
.background{ background-color:#3F691F }
```

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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