

# Converting Colors

Hex(3C691B)

Have a look what the booklet for  
Hex(3C691B) contains.

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**Color**

**Hex(3C691B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C691B
RGB	60, 105, 27
RGB Percent	24%, 41%, 11%
CMY	0.7647, 0.5882, 0.8941
CMYK	0.43, 0.00, 0.74, 0.59
HSL	95°, 59%, 26%
HSV	95°, 74%, 41%
XYZ	7.1129, 11.1429, 2.8128
YIQ	82.6530, -1.7820, -33.7980

# Conversions

## Conversions Part 2

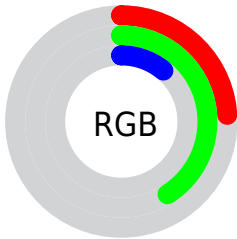
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 105, 72
Decimal	3959067
CIE Lab	39.82, -29.90, 37.12
CIE LCh	40, 47.664, 128.853
Yxy	11.1429, 0.3376, 0.5289
Android (android.graphics.Color)	4282149147 (0xFF3C691B)
YUV	82.6530, -27.4369, -19.8667
Hunter-Lab	33.3810, -20.3818, 18.3707

# Details

The Hex color **3C691B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **481B69**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6F9D4C**, and **083900** is the 20% darker color. If you saturate the color by 10%, you get **366911**, and if you desaturate by 10%, it is **426926**.

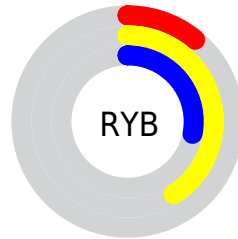
# Distribution



Red (24%)

Green (41%)

Blue (11%)



Red (11%)

Yellow (41%)

Blue (28%)

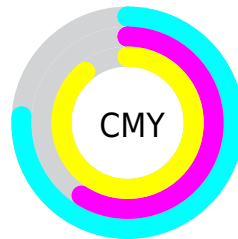


Cyan (43%)

Magenta (0%)

Yellow (74%)

Black (59%)



Cyan (76%)

Magenta (59%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C691B 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 3C691B by changing the saturation by 10% instead.





3C691B



3C691B

FFFFFF



225100



6F9D4C



083900



8AB865



002400



A5D37F



000000



C1F099



DFFFB4



FAFFD0



FFFFED



3C691B



3C691B

■ 366911

■ 426926

■ 306906

■ 486930

■ 2C6900

■ 4E693B

■ 546945

■ 5A6950

■ 60695A

■ 666965

■ 6C696F

■ 73697A

# Harmonies

## Analogous

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



666000



3C691B



006E40

# Triad

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



3C691B



0069A6



A33754

# Complementary

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



3C691B



481B69

# 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.



953D7B



3C691B



0E5FAB

# Square

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



3C691B



006F8E



6E4E9B



9D412F

# Rectangle

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



3C691B



00705B



6E4E9B



A13761



# Sweetspot

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



3C691B



788A6B



69471B



3B4533



C4C4C4



454545



# Same Dimension

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



3C691B



438A0F



1B6920



323630



327500



68F500



# Inverse Universe

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



481B69



560F8A



691B64



333036



440075



8D00F5



# Previews

## White Background



This preview shows how the Hex color 3C691B looks on a white background.

## Color Contrast Check

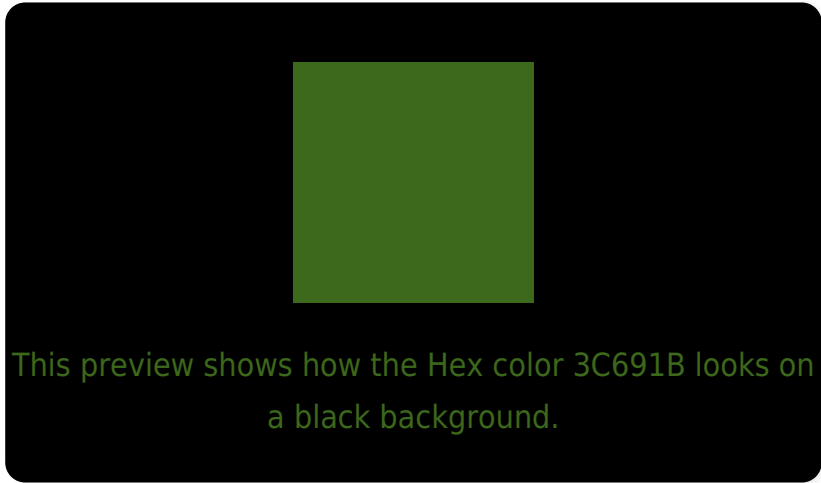
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C691B Background



This preview shows how black text looks on a background with the Hex color 3C691B.



This preview shows how white text looks on a background with the Hex color 3C691B.

# 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**  
3C691B

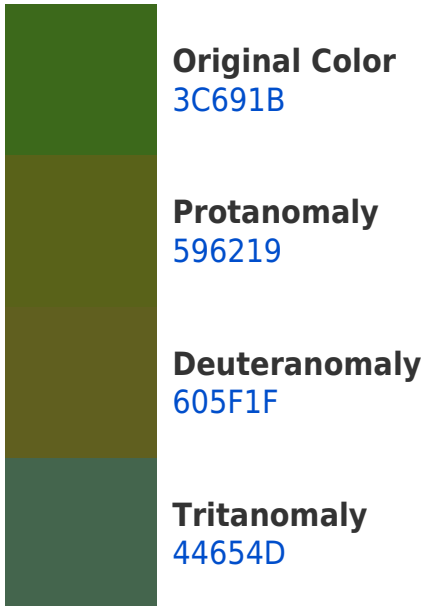
**Protanopia**  
695E18

**Deuteranopia**  
755922



**Tritanopia**  
48626A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C691B 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 #3C691B looks like.

```
.text, #text, p{  
    color:#3C691B  
}
```

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 #3C691B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C691B
}
```

## Border

The CSS property to change the border of an element to Hex 3C691B 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
#3C691B }
```

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

```
.border{ border-color:#3C691B }
```

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

Here you see how a box with a 4 pixel #3C691B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C691B; -webkit-box-shadow:4px 4px  
4px 4px #3C691B; box-shadow:4px 4px 4px  
4px #3C691B }
```

# Background

The CSS property to change the background color of an element to Hex 3C691B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C691B }
```

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

```
.background{ background-color:#3C691B }
```

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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