

# Converting Colors

Hex(3C761F)

Have a look what the booklet for  
Hex(3C761F) contains.

<b>Hex(3C761F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(3C761F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C761F
RGB	60, 118, 31
RGB Percent	24%, 46%, 12%
CMY	0.7647, 0.5373, 0.8784
CMYK	0.49, 0.00, 0.74, 0.54
HSL	100°, 58%, 29%
HSV	100°, 74%, 46%
XYZ	8.5892, 14.0165, 3.5491
YIQ	90.7400, -6.6410, -39.3530

# Conversions

## Conversions Part 2

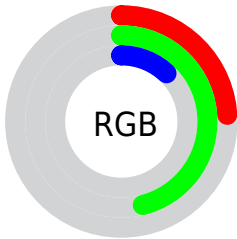
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 118, 89
Decimal	3962399
CIE Lab	44.26, -35.35, 40.00
CIE LCh	44, 53.385, 131.467
Yxy	14.0165, 0.3284, 0.5359
Android (android.graphics.Color)	4282152479 (0xFF3C761F)
YUV	90.7400, -29.4518, -26.9590
Hunter-Lab	37.4386, -24.5656, 20.5865

# Details

The Hex color **3C761F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **591F76**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **71AB51**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **347613**, and if you desaturate by 10%, it is **44762B**.

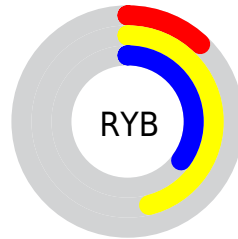
# Distribution



Red (24%)

Green (46%)

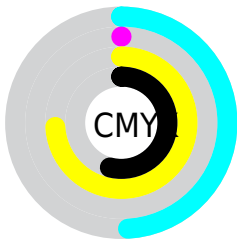
Blue (12%)



Red (12%)

Yellow (46%)

Blue (35%)

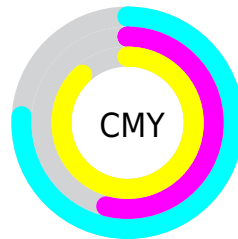


Cyan (49%)

Magenta (0%)

Yellow (74%)

Black (54%)



Cyan (76%)

Magenta (54%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C761F 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 3C761F by changing the saturation by 10% instead.





3C761F



3C761F

FFFFFF



215D02



71AB51



004500



8CC66A



002E00



A7E284



001700



C3FF9F



000000



E0FFBB



FDFFD7



FFFFFF3



3C761F



3C761F

■ 347613

■ 44762B

■ 2C7607

■ 4C7637

■ 277600

■ 547642

■ 5B764E

■ 63765A

■ 6B7666

■ 737672

■ 7B767D

■ 837689

# Harmonies

## Analogous

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



6E6C00



3C761F



007B4B

# Triad

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



3C761F



0075BD



B83B59

# Complementary

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



3C761F



591F76

# 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.



AA4186



3C761F



1E68C0

# Square

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



3C761F



007CA3



8055AC



AF4930

# Rectangle

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



3C761F



007D6A



8055AC



B63A68



# Sweetspot

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



3C761F



839977



76591F



3F4D39



CCCCCC



4D4D4D



# Same Dimension

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



3C761F



3F9912



1F762D



373B35



297A00



53FA00



# Inverse Universe

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



591F76



6C1299



761F67



39353B



52007A



A700FA



# Previews

## White Background



This preview shows how the Hex color 3C761F looks on a white background.

## Color Contrast Check

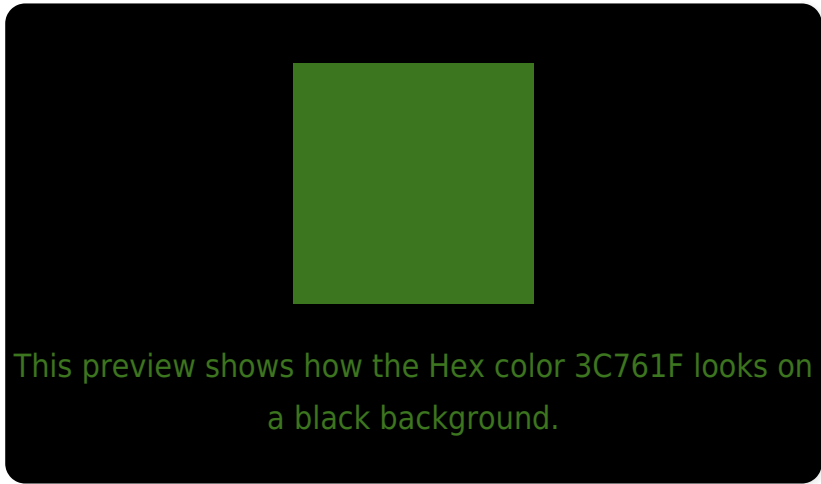
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C761F Background



This preview shows how black text looks on a background with the Hex color 3C761F.



This preview shows how white text looks on a background with the Hex color 3C761F.

# 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**  
3C761F

**Protanopia**  
75681C

**Deuteranopia**  
826327



**Tritanopia**  
4B6E77

# Trichromacy



**Original Color**  
3C761F

**Protanomaly**  
606D1D

**Deuteranomaly**  
696A24

**Tritanomaly**  
467157

# Monochromacy



**Original Color**  
3C761F

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
506545

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C761F 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 #3C761F looks like.

```
.text, #text, p{  
    color:#3C761F  
}
```

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 #3C761F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C761F  
}
```

## Border

The CSS property to change the border of an element to Hex 3C761F 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  
#3C761F }
```

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

```
.border{ border-color:#3C761F }
```

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

Here you see how a box with a 4 pixel #3C761F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C761F; -webkit-box-shadow:4px 4px  
4px 4px #3C761F; box-shadow:4px 4px 4px  
4px #3C761F }
```

# Background

The CSS property to change the background color of an element to Hex 3C761F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C761F }
```

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

```
.background{ background-color:#3C761F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor