

# Converting Colors

Hex(347F1E)

Have a look what the booklet for  
Hex(347F1E) contains.

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# Color

Hex(347F1E)

# Conversions

## Conversions Part 1

Format	Color
Hex	347F1E
RGB	52, 127, 30
RGB Percent	20%, 50%, 12%
CMY	0.7961, 0.5020, 0.8824
CMYK	0.59, 0.00, 0.76, 0.50
HSL	106°, 62%, 31%
HSV	106°, 76%, 50%
XYZ	9.2399, 16.0025, 3.8301
YIQ	93.5170, -13.5630, -46.0670

# Conversions

## Conversions Part 2

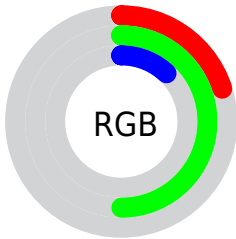
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 127, 105
Decimal	3440414
CIE <sub>Lab</sub>	46.98, -41.55, 43.05
CIE <sub>LCh</sub>	47, 59.833, 133.985
Yxy	16.0025, 0.3178, 0.5504
Android (android.graphics.Color)	4281630494 (0xFF347F1E)
YUV	93.5170, -31.3139, -36.4104
Hunter-Lab	40.0032, -28.7758, 22.3255

# Details

The Hex color **347F1E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **691E7F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6BB551**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **2A7F11**, and if you desaturate by 10%, it is **3E7F2B**.

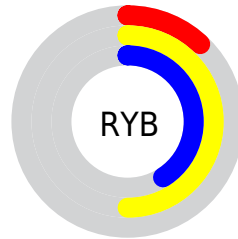
# Distribution



Red (20%)

Green (50%)

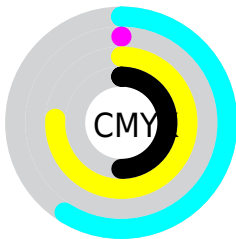
Blue (12%)



Red (12%)

Yellow (50%)

Blue (41%)

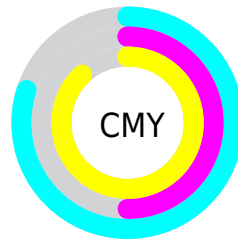


Cyan (59%)

Magenta (0%)

Yellow (76%)

Black (50%)



Cyan (80%)

Magenta (50%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 347F1E 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 347F1E by changing the saturation by 10% instead.





347F1E



347F1E

FFFFFF



136500



6BB551



004D00



87D06B



003500



A3ED85



002000



BFFFA0



000000



DCFFBC



F9FFD8



FFFFFF5



347F1E



347F1E

■ 2A7F11

■ 3E7F2B

■ 207F05

■ 487F37

■ 1D7F00

■ 517F44

■ 5B7F51

■ 657F5E

■ 6F7F6A

■ 797F77

■ 837F84

■ 8C7F90

# Harmonies

## Analogous

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



707400



347F1E



008452

# Triad

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



347F1E



007DD0



C8395A

# Complementary

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



347F1E



691E7F

# 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.



BB3F8C



347F1E



226DD2

# Square

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



347F1E



0084B5



8F56B8



BC4C2B

# Rectangle

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



347F1E



008675



8F56B8



C7386B



# Sweetspot

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



347F1E



88A680



7F681E



42543D



D4D4D4



545454



# Same Dimension

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



347F1E



30A60D



1E7F38



3B4039



1D8000



000000



# Inverse Universe

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



691E7F



830DA6



7F1E65



3E3940



630080



000000



# Previews

## White Background



This preview shows how the Hex color 347F1E looks on a white background.

## Color Contrast Check

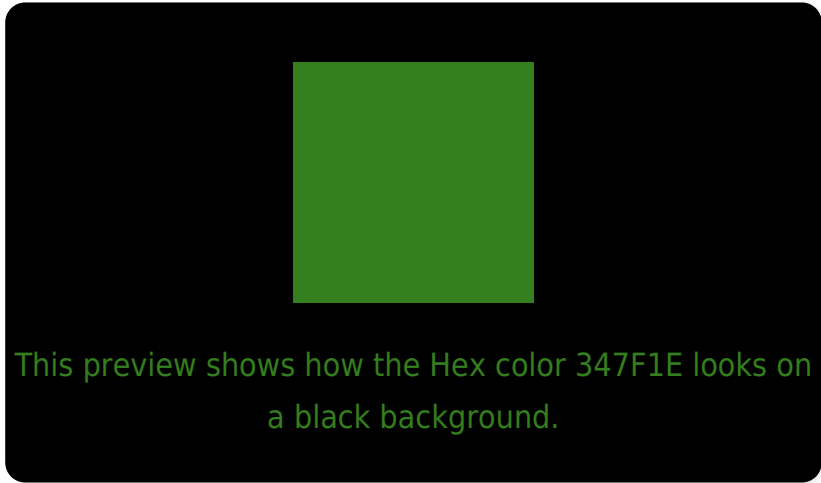
Large Text (above 18pt) WCAG AA ✓ Pass

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

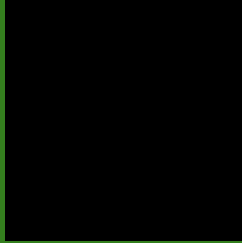
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 347F1E Background



This preview shows how black text looks on a background with the Hex color 347F1E.



This preview shows how white text looks on a background with the Hex color 347F1E.

# 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**  
347F1E

**Protanopia**  
7D6F1A

**Deuteranopia**  
8A6927



**Tritanopia**  
487680

# Trichromacy



**Original Color**  
347F1E

**Protanomaly**  
62751B

**Deuteranomaly**  
6B7124

**Tritanomaly**  
41795C

# Monochromacy



**Original Color**  
347F1E

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
4F6A47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 347F1E 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 #347F1E looks like.

```
.text, #text, p{  
    color:#347F1E  
}
```

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 #347F1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347F1E
}
```

## Border

The CSS property to change the border of an element to Hex 347F1E 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
#347F1E }
```

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

```
.border{ border-color:#347F1E }
```

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

Here you see how a box with a 4 pixel #347F1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347F1E; -webkit-box-shadow:4px 4px  
4px 4px #347F1E; box-shadow:4px 4px 4px  
4px #347F1E }
```

# Background

The CSS property to change the background color of an element to Hex 347F1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347F1E }
```

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

```
.background{ background-color:#347F1E }
```

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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