

# Converting Colors

Hex(3E8F1A)

Have a look what the booklet for  
Hex(3E8F1A) contains.

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# Color

**Hex(3E8F1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E8F1A
RGB	62, 143, 26
RGB Percent	24%, 56%, 10%
CMY	0.7569, 0.4392, 0.8980
CMYK	0.57, 0.00, 0.82, 0.44
HSL	102°, 69%, 33%
HSV	102°, 82%, 56%
XYZ	11.9955, 20.7436, 4.3490
YIQ	105.4430, -10.7190, -53.5590

# Conversions

## Conversions Part 2

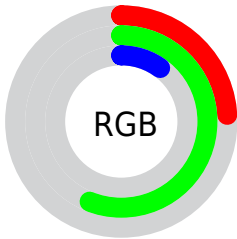
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 143, 107
Decimal	4099866
CIE <sub>Lab</sub>	52.67, -45.18, 50.03
CIE <sub>LCh</sub>	53, 67.409, 132.086
Yxy	20.7436, 0.3234, 0.5593
Android (android.graphics.Color)	4282289946 (0xFF3E8F1A)
YUV	105.4430, -39.1654, -38.0995
Hunter-Lab	45.5452, -32.6914, 26.2202

# Details

The Hex color **3E8F1A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **6B1A8F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **76C651**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **348F0C**, and if you desaturate by 10%, it is **488F28**.

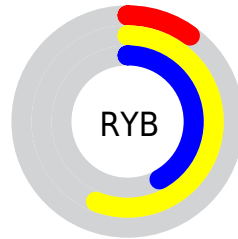
# Distribution



Red (24%)

Green (56%)

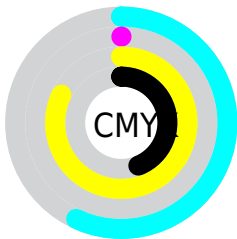
Blue (10%)



Red (10%)

Yellow (56%)

Blue (42%)

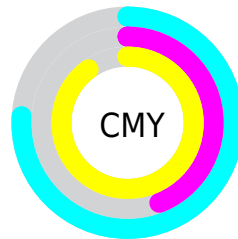


Cyan (57%)

Magenta (0%)

Yellow (82%)

Black (44%)



Cyan (76%)

Magenta (44%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E8F1A 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 3E8F1A by changing the saturation by 10% instead.



 3E8F1A

 3E8F1A

FFFFFF

 1E7500

 76C651

 005C00

 93E26B

 004300

 AFFF86

 002D00

 CCFFA1

 001100

 E9FFBD

 000000

 FFFFD9

 FFFFF6

 3E8F1A

 3E8F1A

 348F0C

 488F28

 2C8F00

 528F37

 5C8F45

 668F53

 708F61

 798F70

 838F7E

 8D8F8C

 978F9B

# Harmonies

## Analogous

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



828200



3E8F1A



009558

# Triad

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



3E8F1A



008EEC



E43D69

# Complementary

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



3E8F1A



6B1A8F

# 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.



D345A3



3E8F1A



007DF0

# Square

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



3E8F1A



0096CA



9D63D4



D65332

# Rectangle

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



3E8F1A



009780



9D63D4



E23C7C



# Sweetspot

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



3E8F1A



9ABA8C



8F6A1A



4B5E42



DEDEDE



5E5E5E



# Same Dimension

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



3E8F1A



3CBA04



1A8F2F



424740



2A8700



020800



# Inverse Universe

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



6B1A8F



8204BA



8F1A7A



454047



5E0087



050008



# Previews

## White Background



This preview shows how the Hex color 3E8F1A looks on a white 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

# Black 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

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



## Hex 3E8F1A Background



This preview shows how black text looks on a background with the Hex color 3E8F1A.



This preview shows how white text looks on a background with the Hex color 3E8F1A.

# 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**  
3E8F1A

**Protanopia**  
8D7D15

**Deuteranopia**  
9D7727



**Tritanopia**  
538590

# Trichromacy



**Original Color**  
3E8F1A



**Protanomaly**  
708417



**Deuteranomaly**  
7A8022



**Tritanomaly**  
4B8965

# Monochromacy



**Original Color**  
3E8F1A



**Achromatopsia**  
696969



**Achromatomaly**  
59774C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E8F1A 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 #3E8F1A looks like.

```
.text, #text, p{  
    color:#3E8F1A  
}
```

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 #3E8F1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8F1A
}
```

## Border

The CSS property to change the border of an element to Hex 3E8F1A 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".

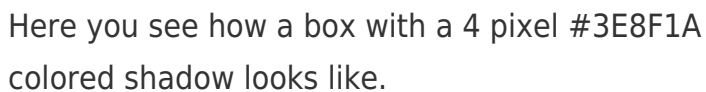
```
.border, #border, table{ border:4px solid
#3E8F1A }
```

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

```
.border{ border-color:#3E8F1A }
```

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

Here you see how a box with a 4 pixel #3E8F1A colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8F1A; -webkit-box-shadow:4px 4px  
4px 4px #3E8F1A; box-shadow:4px 4px 4px  
4px #3E8F1A }
```

# Background

The CSS property to change the background color of an element to Hex 3E8F1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8F1A }
```

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

```
.background{ background-color:#3E8F1A }
```

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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