

# Converting Colors

Hex(8E8F3F)

Have a look what the booklet for  
Hex(8E8F3F) contains.

<b>Hex(8E8F3F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(8E8F3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	8E8F3F
RGB	142, 143, 63
RGB Percent	56%, 56%, 25%
CMY	0.4431, 0.4392, 0.7529
CMYK	0.01, 0.00, 0.56, 0.44
HSL	61°, 39%, 40%
HSV	61°, 56%, 56%
XYZ	21.8750, 25.7546, 8.5208
YIQ	133.5810, 25.0840, -25.0920

# Conversions

## Conversions Part 2

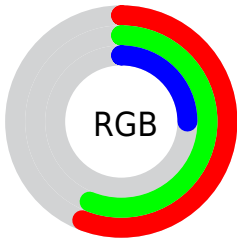
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">63, 143, 64</a>
Decimal	<a href="#">9342783</a>
CIELab	<a href="#">57.80, -11.71, 41.70</a>
CIELCh	<a href="#">58, 43.312, 105.680</a>
Yxy	<a href="#">25.7546, 0.3896, 0.4587</a>
Android (android.graphics.Color)	<a href="#">4287532863 (0xFF8E8F3F)</a>
YUV	<a href="#">133.5810, -34.7964, 7.3835</a>
Hunter-Lab	<a href="#">50.7490, -11.8695, 25.5694</a>

# Details

The Hex color **8E8F3F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **403F8F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C5C571**, and **595D0B** is the 20% darker color. If you saturate the color by 10%, you get **8E8F31**, and if you desaturate by 10%, it is **8E8F4D**.

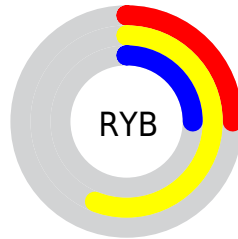
# Distribution



Red (56%)

Green (56%)

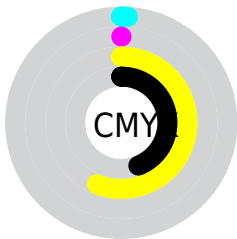
Blue (25%)



Red (25%)

Yellow (56%)

Blue (25%)

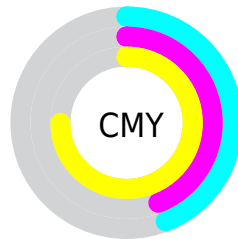


Cyan (1%)

Magenta (0%)

Yellow (56%)

Black (44%)



Cyan (44%)

Magenta (44%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E8F3F 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 8E8F3F by changing the saturation by 10% instead.





8E8F3F



8E8F3F

FFFFFF



737526



C5C571



595D0B



E2E18C



404500



FFFDA7



282F00



FFFFC2



0D1B00



FFFDFD



000000



FFFFFB



8E8F3F



8E8F3F



8E8F31



8E8F4D

 8E8F22

 8E8F5C

 8D8F14

 8F8F6A

 8D8F06

 8F8F78

 8D8F00

 8F8F87

 8F8F95

 8F8FA3

 8F8FB1

 908FC0

# Harmonies

## Analogous

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



B18240



8E8F3F



639854

# Triad

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



8E8F3F



009BC0



C86D9F

# Complementary

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



8E8F3F



403F8F

# 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.



A779C0



8E8F3F



0094D4

# Square

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



8E8F3F



009E9E



7088D4



D26C78

# Rectangle

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



8E8F3F



3E9C6A



7088D4



BF70AB



# Sweetspot

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



8E8F3F



BABA9B



8F3F3F



5E5E4B



DEDEDE



5E5E5E



# Same Dimension

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



8E8F3F



B9BA3D



678F3F



474740



858700



080800



# Inverse Universe

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



403F8F



3F3DBA



673F8F



404047



020087



000008



# Previews

## White Background



This preview shows how the Hex color 8E8F3F looks on a white background.

## Color Contrast Check

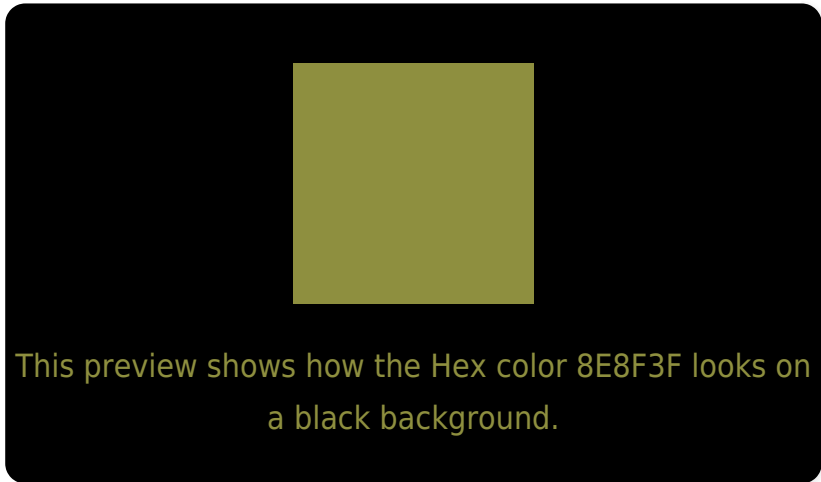
Large Text (above 18pt) WCAG AA ✓ Pass

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

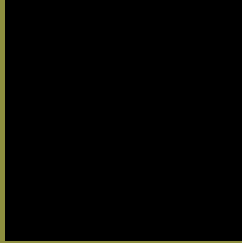
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E8F3F Background



This preview shows how black text looks on a background with the Hex color 8E8F3F.



This preview shows how white text looks on a background with the Hex color 8E8F3F.

# 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**  
8E8F3F

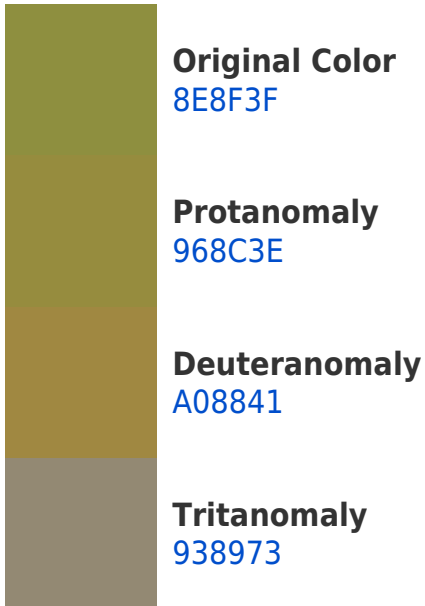
**Protanopia**  
9A8B3E

**Deuteranopia**  
AB8442



**Tritanopia**  
968691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E8F3F 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 #8E8F3F looks like.

```
.text, #text, p{  
    color:#8E8F3F  
}
```

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 #8E8F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E8F3F
}
```

## Border

The CSS property to change the border of an element to Hex 8E8F3F 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
#8E8F3F }
```

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

```
.border{ border-color:#8E8F3F }
```

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

Here you see how a box with a 4 pixel #8E8F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E8F3F; -webkit-box-shadow:4px 4px  
4px 4px #8E8F3F; box-shadow:4px 4px 4px  
4px #8E8F3F }
```

# Background

The CSS property to change the background color of an element to Hex 8E8F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E8F3F }
```

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

```
.background{ background-color:#8E8F3F }
```

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