

# Converting Colors

Hex(8E8A3A)

Have a look what the booklet for  
Hex(8E8A3A) contains.

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**Color**

**Hex(8E8A3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E8A3A
RGB	142, 138, 58
RGB Percent	56%, 54%, 23%
CMY	0.4431, 0.4588, 0.7725
CMYK	0.00, 0.03, 0.59, 0.44
HSL	57°, 42%, 39%
HSV	57°, 59%, 56%
XYZ	21.0075, 24.2332, 7.5733
YIQ	130.0760, 28.0640, -24.0320

# Conversions

## Conversions Part 2

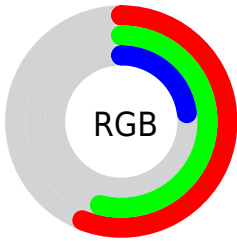
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 142, 58
Decimal	9341498
CIELab	56.32, -9.42, 42.44
CIELCh	56, 43.473, 102.513
Yxy	24.2332, 0.3978, 0.4588
Android (android.graphics.Color)	4287531578 (0xFF8E8A3A)
YUV	130.0760, -35.5335, 10.4573
Hunter-Lab	49.2273, -9.9736, 25.3377

# Details

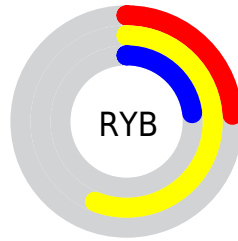
The Hex color **8E8A3A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A3E8E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **C6BF6C**, and **595804** is the 20% darker color. If you saturate the color by 10%, you get **8E892C**, and if you desaturate by 10%, it is **8E8B48**.

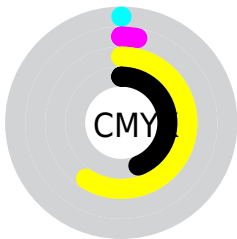
# Distribution



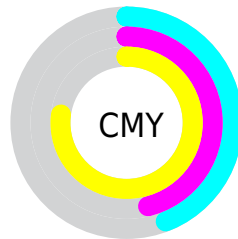
- Red (56%)
- Green (54%)
- Blue (23%)



- Red (24%)
- Yellow (56%)
- Blue (23%)



- Cyan (0%)
- Magenta (3%)
- Yellow (59%)
- Black (44%)



- Cyan (44%)
- Magenta (46%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E8A3A 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 8E8A3A by changing the saturation by 10% instead.



 8E8A3A

 8E8A3A

FFFFFF

 737121

 C6BF6C

 595804

 E2DB86

 404100

 FFF7A1

 282B00

 FFFFBD

 0B1800

 FFFFD9

 000000

 FFFFF6

 8E8A3A

 8E8A3A

 8E892C

 8E8B48

 8E891E

 8E8B56

 8E880F

 8E8C65

 8E8701

 8E8D73

 8E8700

 8E8D81

 8E8E8F

 8E8F9D

 8E8FAC

 8E90BA

# Harmonies

## Analogous

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



B07D3E



8E8A3A



64934D

# Triad

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



8E8A3A



0098B9



C16A9F

# Complementary

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



8E8A3A



3A3E8E

# 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.



9E77BF



8E8A3A



0091CF

# Square

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



8E8A3A



009A96



6486D1



CE6779

# Rectangle

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



8E8A3A



409763



6486D1



B86EAB



# Sweetspot

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



8E8A3A



B8B697



8E3A3E



5C5B48



DBDBDB



5C5C5C



# Same Dimension

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



8E8A3A



B8B135



688E3A



474740



878100



080700



# Inverse Universe

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



3A3E8E



353BB8



603A8E



404147



000687



000008



# Previews

## White Background



This preview shows how the Hex color 8E8A3A looks on a white background.

## Color Contrast Check

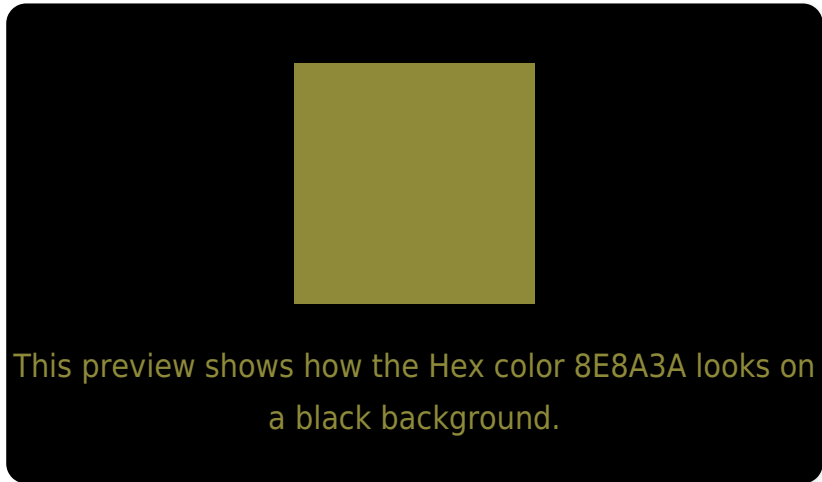
Large Text (above 18pt) WCAG AA ✓ Pass

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

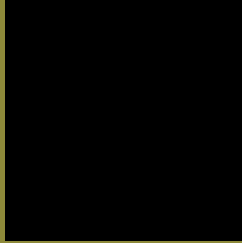
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E8A3A Background



This preview shows how black text looks on a background with the Hex color 8E8A3A.



This preview shows how white text looks on a background with the Hex color 8E8A3A.

# 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**  
8E8A3A

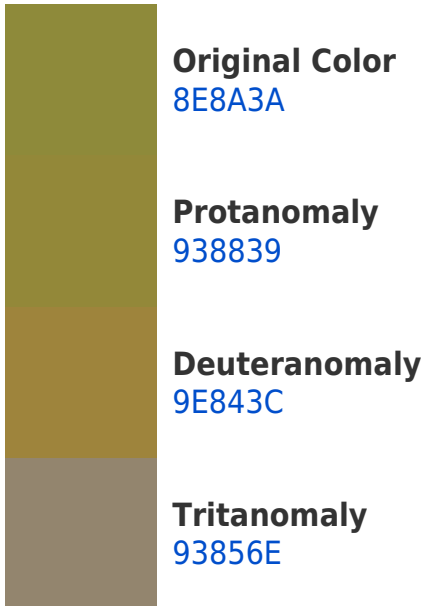
**Protanopia**  
968739

**Deuteranopia**  
A7803D

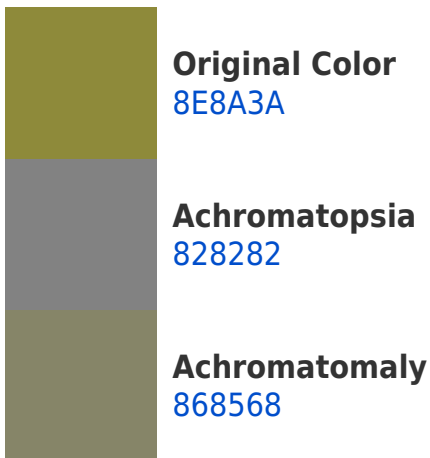


**Tritanopia**  
96828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E8A3A 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 #8E8A3A looks like.

```
.text, #text, p{  
    color:#8E8A3A  
}
```

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 #8E8A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E8A3A
}
```

## Border

The CSS property to change the border of an element to Hex 8E8A3A 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
#8E8A3A }
```

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

```
.border{ border-color:#8E8A3A }
```

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

Here you see how a box with a 4 pixel #8E8A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E8A3A; -webkit-box-shadow:4px 4px  
4px 4px #8E8A3A; box-shadow:4px 4px 4px  
4px #8E8A3A }
```

# Background

The CSS property to change the background color of an element to Hex 8E8A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E8A3A }
```

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

```
.background{ background-color:#8E8A3A }
```

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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