

# Converting Colors

Hex(8E3E2B)

Have a look what the booklet for  
Hex(8E3E2B) contains.

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# Color

Hex(8E3E2B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E3E2B
RGB	142, 62, 43
RGB Percent	56%, 24%, 17%
CMY	0.4431, 0.7569, 0.8314
CMYK	0.00, 0.56, 0.70, 0.44
HSL	12°, 54%, 36%
HSV	12°, 70%, 56%
XYZ	13.3140, 9.3705, 3.3925
YIQ	83.7540, 53.7790, 11.0510

# Conversions

## Conversions Part 2

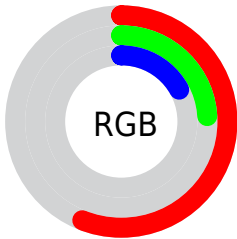
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 67, 43
Decimal	9322027
CIELab	36.69, 32.57, 27.91
CIElCh	37, 42.891, 40.592
Yxy	9.3705, 0.5106, 0.3593
Android (android.graphics.Color)	4287512107 (0xFF8E3E2B)
YUV	83.7540, -20.0917, 51.0817
Hunter-Lab	30.6112, 24.0670, 14.8571

# Details

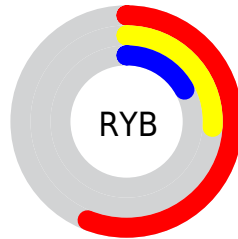
The Hex color **8E3E2B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2B7B8E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **C87059**, and **560C00** is the 20% darker color. If you saturate the color by 10%, you get **8E331D**, and if you desaturate by 10%, it is **8E4939**.

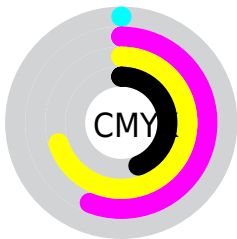
# Distribution



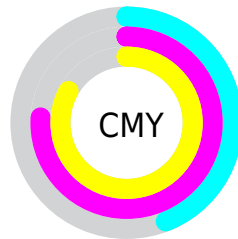
- Red (56%)
- Green (24%)
- Blue (17%)



- Red (56%)
- Yellow (26%)
- Blue (17%)



- Cyan (0%)
- Magenta (56%)
- Yellow (70%)
- Black (44%)



- Cyan (44%)
- Magenta (76%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E3E2B 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 8E3E2B by changing the saturation by 10% instead.



 8E3E2B

 8E3E2B

FFFFFF

 722616

 C87059

 560C00

 E68A72

 3B0000

 FFA58C

 200001

 FFC0A6

 000000

 FFDDC1

 FFF9DD

 FFFFFA

 8E3E2B

 8E3E2B

■ 8E331D

■ 8E4939

■ 8E270F

■ 8E5547

■ 8E1C00

■ 8E6056

■ 8E1B00

■ 8E6C64

■ 8E7772

■ 8E8380

■ 8E8E8E

■ 8E9A9D

■ 8EA5AB

# Harmonies

## Analogous

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



94354B



8E3E2B



7A4C10

# Triad

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



8E3E2B



00653E



22569A

# Complementary

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



8E3E2B



2B7B8E

# 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.



006097



8E3E2B



006762

# Square

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



8E3E2B



36611E



006582



68488B

# Rectangle

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



8E3E2B



675506



006582



005A9B



# Sweetspot

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



8E3E2B



B89891



8E2B7C



5C4945



DBDBDB



5C5C5C



# Same Dimension

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



8E3E2B



B83B1D



8E6F2B



474240



871A00



080100



# Inverse Universe

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



2B7B8E



1D9AB8



2B4A8E



404647



006D87



000608



# Previews

## White Background



This preview shows how the Hex color 8E3E2B looks on a white background.

## Color Contrast Check

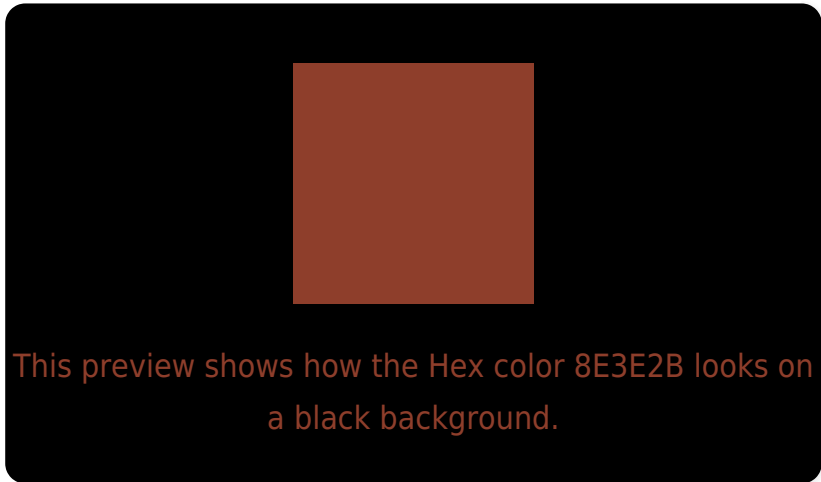
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

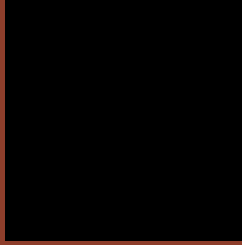
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E3E2B Background



This preview shows how black text looks on a background with the Hex color 8E3E2B.



This preview shows how white text looks on a background with the Hex color 8E3E2B.

# 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**  
8E3E2B

**Protanopia**  
5F5734

**Deuteranopia**  
6C5327



**Tritanopia**  
8F3B3F

# Trichromacy



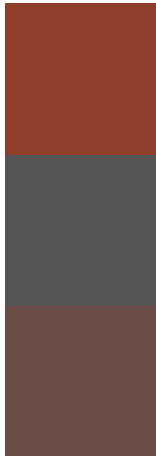
**Original Color**  
8E3E2B

**Protanomaly**  
704E31

**Deuteranomaly**  
784B28

**Tritanomaly**  
8F3C38

# Monochromacy



**Original Color**  
8E3E2B

**Achromatopsia**  
545454

**Achromatomaly**  
694C45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E3E2B 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 #8E3E2B looks like.

```
.text, #text, p{  
    color:#8E3E2B  
}
```

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 #8E3E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E3E2B
}
```

## Border

The CSS property to change the border of an element to Hex 8E3E2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

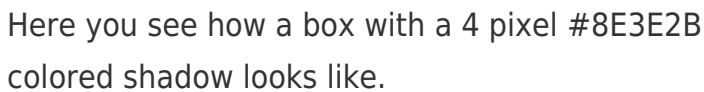
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E3E2B }
```

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

```
.border{ border-color:#8E3E2B }
```

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



Here you see how a box with a 4 pixel #8E3E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E3E2B; -webkit-box-shadow:4px 4px  
4px 4px #8E3E2B; box-shadow:4px 4px 4px  
4px #8E3E2B }
```

# Background

The CSS property to change the background color of an element to Hex 8E3E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E3E2B }
```

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

```
.background{ background-color:#8E3E2B }
```

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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