

# Converting Colors

Hex(8E3826)

Have a look what the booklet for  
Hex(8E3826) contains.

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# Color

**Hex(8E3826)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E3826
RGB	142, 56, 38
RGB Percent	56%, 22%, 15%
CMY	0.4431, 0.7804, 0.8510
CMYK	0.00, 0.61, 0.73, 0.44
HSL	10°, 58%, 35%
HSV	10°, 73%, 56%
XYZ	12.9194, 8.7191, 2.8357
YIQ	79.6620, 57.0340, 12.6340

# Conversions

## Conversions Part 2

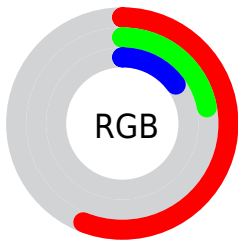
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 60, 38
Decimal	9320486
CIE <sub>Lab</sub>	35.44, 35.37, 29.40
CIE <sub>LCh</sub>	35, 45.993, 39.738
Yxy	8.7191, 0.5279, 0.3563
Android (android.graphics.Color)	4287510566 (0xFF8E3826)
YUV	79.6620, -20.5394, 54.6704
Hunter-Lab	29.5281, 26.4246, 14.9757

# Details

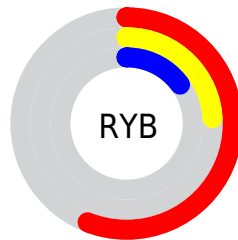
The Hex color **8E3826** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **267C8E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **C96A54**, and **560200** is the 20% darker color. If you saturate the color by 10%, you get **8E2C18**, and if you desaturate by 10%, it is **8E4434**.

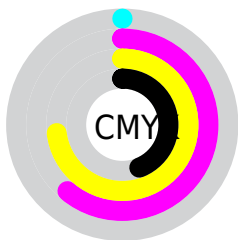
# Distribution



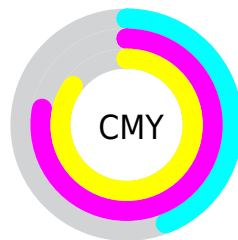
- Red (56%)
- Green (22%)
- Blue (15%)



- Red (56%)
- Yellow (24%)
- Blue (15%)



- Cyan (0%)
- Magenta (61%)
- Yellow (73%)
- Black (44%)



- Cyan (44%)
- Magenta (78%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E3826 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 8E3826 by changing the saturation by 10% instead.



 8E3826

 8E3826

FFFFFF

 711F11

 C96A54

 560200

 E7846C

 3A0000

 FF9F86

 1D0001

 FFBB A0

 000000

 FFD7BB

 FFF3D7

 FFFFF3

 8E3826

 8E3826

■ 8E2C18

■ 8E4434

■ 8E210A

■ 8E4F42

■ 8E1900

■ 8E5B51

■ 8E675F

■ 8E736D

■ 8E7E7B

■ 8E8A89

■ 8E9698

■ 8EA2A6

# Harmonies

## Analogous

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



952D49



8E3826



794805

# Triad

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



8E3826



006338



02549C

# Complementary

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



8E3826



267C8E

# 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.



005E98



8E3826



00645F

# Square

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



8E3826



315E14



006382



64448C

# Rectangle

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



8E3826



655200



006382



00589D



# Sweetspot

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



8E3826



B8968F



8E267D



5C4844



DBDBDB



5C5C5C



# Same Dimension

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



8E3826



B83216



8E6B26



474140



871700



080100



# Inverse Universe

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



267C8E



169CB8



26498E



404647



007087



000608



# Previews

## White Background



This preview shows how the Hex color 8E3826 looks on a white background.

## Color Contrast Check

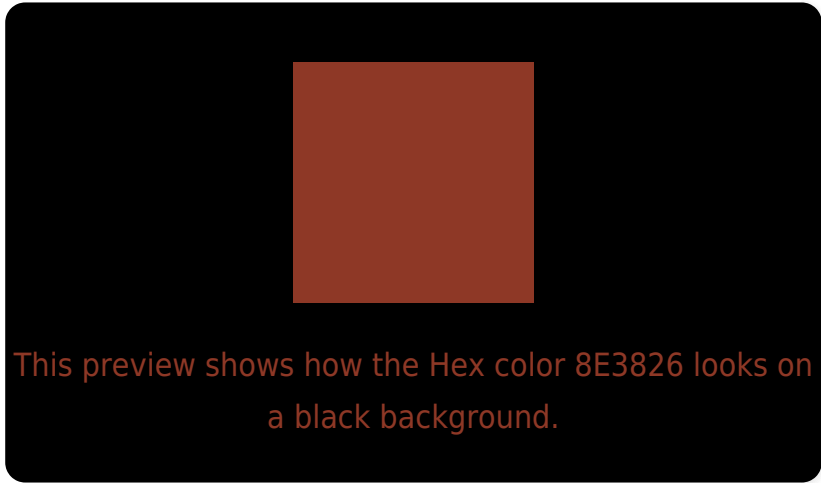
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E3826 Background



This preview shows how black text looks on a background with the Hex color 8E3826.



This preview shows how white text looks on a background with the Hex color 8E3826.

# 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**  
8E3826

**Protanopia**  
5D542F

**Deuteranopia**  
695021



**Tritanopia**  
8F3639

# Trichromacy



**Original Color**  
8E3826

**Protanomaly**  
6F4A2C

**Deuteranomaly**  
764723

**Tritanomaly**  
8F3732

# Monochromacy



**Original Color**  
8E3826

**Achromatopsia**  
505050

**Achromatomaly**  
674741

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E3826 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 #8E3826 looks like.

```
.text, #text, p{  
    color:#8E3826  
}
```

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 #8E3826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E3826
}
```

## Border

The CSS property to change the border of an element to Hex 8E3826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

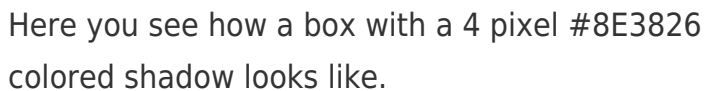
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E3826 }
```

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

```
.border{ border-color:#8E3826 }
```

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



Here you see how a box with a 4 pixel #8E3826 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E3826; -webkit-box-shadow:4px 4px  
4px 4px #8E3826; box-shadow:4px 4px 4px  
4px #8E3826 }
```

# Background

The CSS property to change the background color of an element to Hex 8E3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E3826 }
```

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

```
.background{ background-color:#8E3826 }
```

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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