

# Converting Colors

Hex(8B3E2F)

Have a look what the booklet for  
Hex(8B3E2F) contains.

<b>Hex(8B3E2F)</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(8B3E2F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B3E2F
RGB	139, 62, 47
RGB Percent	55%, 24%, 18%
CMY	0.4549, 0.7569, 0.8157
CMYK	0.00, 0.55, 0.66, 0.45
HSL	10°, 49%, 36%
HSV	10°, 66%, 55%
XYZ	12.8832, 9.1395, 3.7744
YIQ	83.3130, 50.7070, 11.6590

# Conversions

## Conversions Part 2

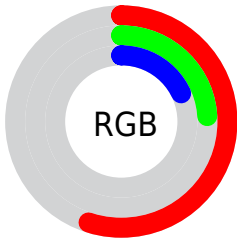
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 65, 47
Decimal	9125423
CIELab	36.25, 31.62, 24.88
CIELCh	36, 40.233, 38.194
Yxy	9.1395, 0.4994, 0.3543
Android (android.graphics.Color)	4287315503 (0xFF8B3E2F)
YUV	83.3130, -17.9023, 48.8375
Hunter-Lab	30.2315, 23.1627, 13.7597

# Details

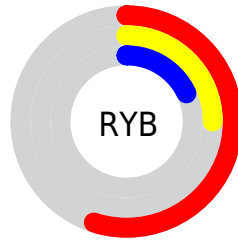
The Hex color **8B3E2F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2F7C8B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **C5705D**, and **540C00** is the 20% darker color. If you saturate the color by 10%, you get **8B3221**, and if you desaturate by 10%, it is **8B4A3D**.

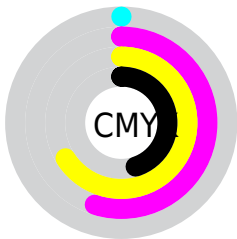
# Distribution



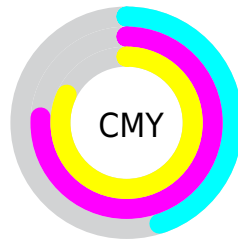
- Red (55%)
- Green (24%)
- Blue (18%)



- Red (55%)
- Yellow (25%)
- Blue (18%)



- Cyan (0%)
- Magenta (55%)
- Yellow (66%)
- Black (45%)



- Cyan (45%)
- Magenta (76%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B3E2F 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 8B3E2F by changing the saturation by 10% instead.





8B3E2F



8B3E2F

FFFFFF



6F261A



C5705D



540C00



E28A76



390000



FFA590



1D0001



FFC0AA



000000



FFDCC6



FFF9E2



8B3E2F



8B3E2F



8B3221



8B4A3D

 8B2713

 8B554B

 8B1B05

 8B6159

 8B1700

 8B6D67

 8B7875

 8B8482

 8B8F90

 8B9B9E

 8BA7AC

# Harmonies

## Analogous

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



90374E



8B3E2F



794B17

# Triad

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



8B3E2F



00633C



205695

# Complementary

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



8B3E2F



2F7C8B

# 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.



005F91



8B3E2F



00655D

# Square

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



8B3E2F



3B5F1F



00647C



624988

# Rectangle

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



8B3E2F



68530D



00647C



005A96



# Sweetspot

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



8B3E2F



B59791



8B2F7D



5C4946



DBDBDB



5C5C5C



# Same Dimension

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



8B3E2F



B53D26



8B6B2F



453F3E



851600



050100



# Inverse Universe

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



2F7C8B



269EB5



2F4F8B



3E4445



006F85



000405



# Previews

## White Background



This preview shows how the Hex color 8B3E2F looks on a white background.

## Color Contrast Check

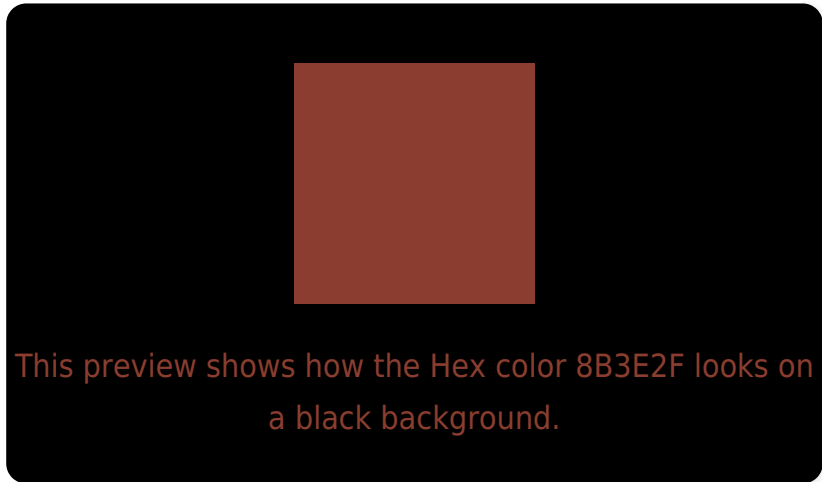
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B3E2F Background



This preview shows how black text looks on a background with the Hex color 8B3E2F.

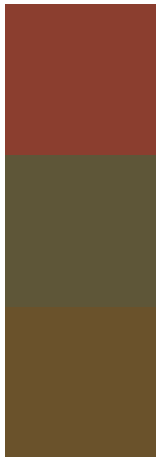


This preview shows how white text looks on a background with the Hex color 8B3E2F.

# 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**  
8B3E2F

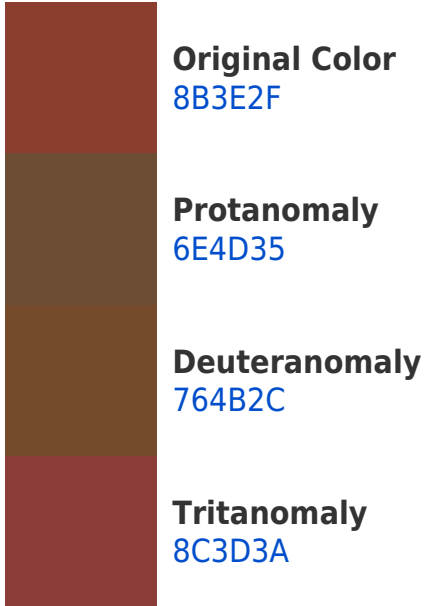
**Protanopia**  
5E5638

**Deuteranopia**  
6A522B

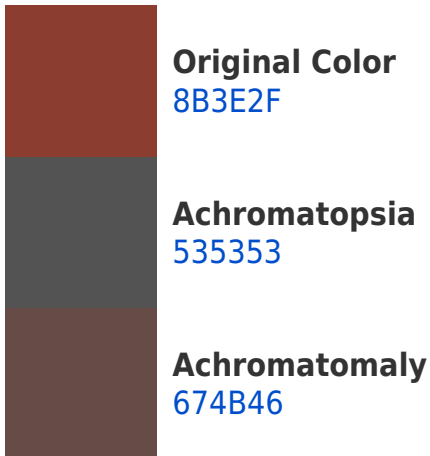


**Tritanopia**  
8C3C40

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B3E2F 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 #8B3E2F looks like.

```
.text, #text, p{  
    color:#8B3E2F  
}
```

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 #8B3E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B3E2F
}
```

## Border

The CSS property to change the border of an element to Hex 8B3E2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

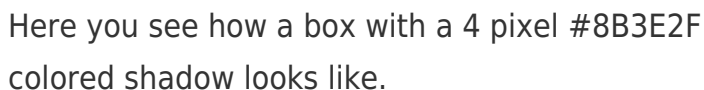
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B3E2F }
```

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

```
.border{ border-color:#8B3E2F }
```

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



Here you see how a box with a 4 pixel #8B3E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B3E2F; -webkit-box-shadow:4px 4px  
4px 4px #8B3E2F; box-shadow:4px 4px 4px  
4px #8B3E2F }
```

# Background

The CSS property to change the background color of an element to Hex 8B3E2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B3E2F }
```

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

```
.background{ background-color:#8B3E2F }
```

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