

Converting Colors

Hex(8E4C2F)

Have a look what the booklet for
Hex(8E4C2F) contains.

Hex(8E4C2F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8E4C2F)

Conversions

Conversions Part 1

Format	Color
Hex	8E4C2F
RGB	142, 76, 47
RGB Percent	56%, 30%, 18%
CMY	0.4431, 0.7020, 0.8157
CMYK	0.00, 0.46, 0.67, 0.44
HSL	18°, 50%, 37%
HSV	18°, 67%, 56%
XYZ	14.2529, 11.1249, 4.0854
YIQ	92.4280, 48.6450, 4.9730

Conversions

Conversions Part 2

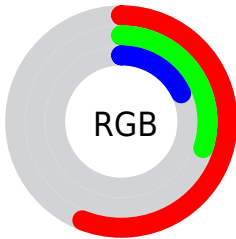
Format	Color
R_{YB}	142, 89, 47
Decimal	9325615
CIE _{Lab}	39.79, 25.16, 29.23
CIE _{LCh}	40, 38.573, 49.278
Yxy	11.1249, 0.4838, 0.3776
Android (android.graphics.Color)	4287515695 (0xFF8E4C2F)
YUV	92.4280, -22.3960, 43.4746
Hunter-Lab	33.3540, 17.9072, 16.0855

Details

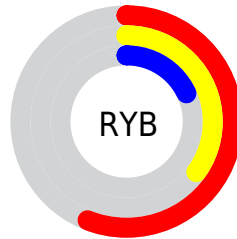
The Hex color **8E4C2F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2F718E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **C77E5E**, and **571E00** is the 20% darker color. If you saturate the color by 10%, you get **8E4221**, and if you desaturate by 10%, it is **8E563D**.

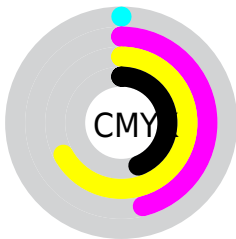
Distribution



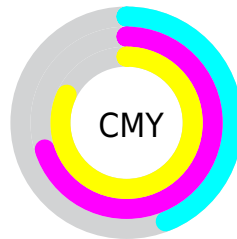
- Red (56%)
- Green (30%)
- Blue (18%)



- Red (56%)
- Yellow (35%)
- Blue (18%)



- Cyan (0%)
- Magenta (46%)
- Yellow (67%)
- Black (44%)



- Cyan (44%)
- Magenta (70%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E4C2F 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 8E4C2F by changing the saturation by 10% instead.



8E4C2F



8E4C2F

FFFFFF



723419



C77E5E



571E00



E59877



3C0600



FFB391



260001



FFCFAB



000000



FFEBC7



FFFEE3



8E4C2F



8E4C2F



8E4221



8E563D

■ 8E3813

■ 8E604B

■ 8E2E04

■ 8E6A5A

■ 8E2B00

■ 8E7368

■ 8E7D76

■ 8E8784

■ 8E9192

■ 8E9BA1

■ 8EA5AF

Harmonies

Analogous

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



98434B



8E4C2F



79581D

Triad

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



8E4C2F



006C51



4B5A99

Complementary

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



8E4C2F



2F718E

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.



00649B



8E4C2F



006D72

Square

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



8E4C2F



366933



006B8D



794D87

Rectangle

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



8E4C2F



665F1B



006B8D



345E9C

Sweetspot

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



8E4C2F



B89E93



8E2F72



5C4C46



DBDBDB



5C5C5C

Same Dimension

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



8E4C2F



B85225



8E7B2F



474240



872900



080200

Inverse Universe

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



2F718E



258BB8



2F428E



404547



005E87



000508

Previews

White Background



This preview shows how the Hex color 8E4C2F looks on a white background.

Color Contrast Check

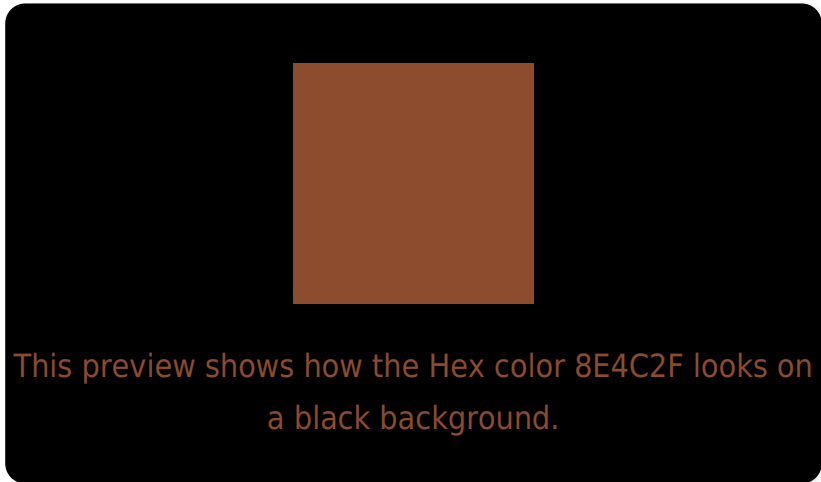
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

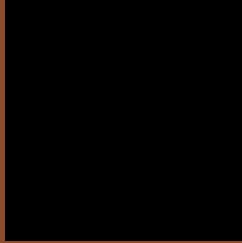
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 8E4C2F Background



This preview shows how black text looks on a background with the Hex color 8E4C2F.



This preview shows how white text looks on a background with the Hex color 8E4C2F.

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
8E4C2F

Protanopia
685E35

Deuteranopia
755A2C



Tritanopia
90484D

Trichromacy



Original Color
8E4C2F

Protanomaly
765733

Deuteranomaly
7E552D

Tritanomaly
8F4942

Monochromacy



Original Color
8E4C2F

Achromatopsia
5C5C5C

Achromatomaly
6E564C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E4C2F 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 #8E4C2F looks like.

```
.text, #text, p{  
    color:#8E4C2F  
}
```

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 #8E4C2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E4C2F
}
```

Border

The CSS property to change the border of an element to Hex 8E4C2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

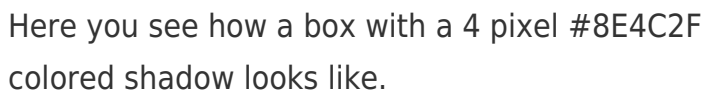
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E4C2F }
```

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

```
.border{ border-color:#8E4C2F }
```

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



Here you see how a box with a 4 pixel #8E4C2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E4C2F; -webkit-box-shadow:4px 4px  
4px 4px #8E4C2F; box-shadow:4px 4px 4px  
4px #8E4C2F }
```

Background

The CSS property to change the background color of an element to Hex 8E4C2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E4C2F }
```

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

```
.background{ background-color:#8E4C2F }
```

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