

# Converting Colors

Hex(8E4033)

Have a look what the booklet for  
Hex(8E4033) contains.

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**Color**

**Hex(8E4033)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E4033
RGB	142, 64, 51
RGB Percent	56%, 25%, 20%
CMY	0.4431, 0.7490, 0.8000
CMYK	0.00, 0.55, 0.64, 0.44
HSL	9°, 47%, 38%
HSV	9°, 64%, 56%
XYZ	13.5863, 9.6566, 4.2798
YIQ	85.8400, 50.6610, 12.4930

# Conversions

## Conversions Part 2

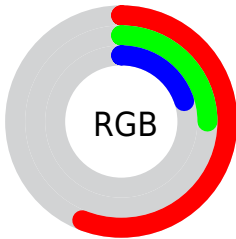
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 66, 51
Decimal	9322547
CIE <sub>Lab</sub>	37.22, 32.04, 23.76
CIE <sub>LCh</sub>	37, 39.885, 36.555
Yxy	9.6566, 0.4936, 0.3509
Android (android.graphics.Color)	4287512627 (0xFF8E4033)
YUV	85.8400, -17.1761, 49.2523
Hunter-Lab	31.0751, 23.6603, 13.5868

# Details

The Hex color **8E4033** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **33818E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **C87262**, and **570F06** is the 20% darker color. If you saturate the color by 10%, you get **8E3425**, and if you desaturate by 10%, it is **8E4C41**.

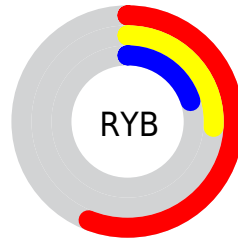
# Distribution



Red (56%)

Green (25%)

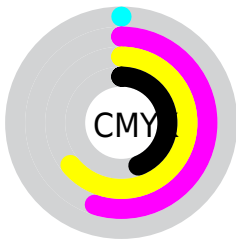
Blue (20%)



Red (56%)

Yellow (26%)

Blue (20%)

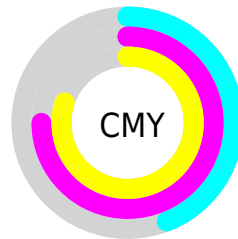


Cyan (0%)

Magenta (55%)

Yellow (64%)

Black (44%)



Cyan (44%)

Magenta (75%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E4033 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 8E4033 by changing the saturation by 10% instead.



 8E4033

 8E4033

FFFFFF

 72281E

 C87262

 570F06

 E58C7B

 3C0000

 FFA795

 220001

 FFC3AF

 000000

 FFDFCB

 FFFCE7

 8E4033

 8E4033

 8E3425

 8E4C41

■ 8E2817

■ 8E584F

■ 8E1B08

■ 8E655E

■ 8E1400

■ 8E716C

■ 8E7D7A

■ 8E8988

■ 8E9596

■ 8EA1A5

■ 8EAEB3

# Harmonies

## Analogous

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



923952



8E4033



7D4D1B

# Triad

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



8E4033



00653D



1E5998

# Complementary

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



8E4033



33818E

# 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.



006292



8E4033



00675E

# Square

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



8E4033



406120



00667D



624C8B

# Rectangle

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



8E4033



6C5511



00667D



005C98



# Sweetspot

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



8E4033



B89A95



8E3382



5C4A47



DBDBDB



5C5C5C



# Same Dimension

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



8E4033



B83E2A



8E6D33



474140



871300



080100



# Inverse Universe

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



33818E



2AA3B8



33548E



404647



007487



000708



# Previews

## White Background



This preview shows how the Hex color 8E4033 looks on a white background.

## Color Contrast Check

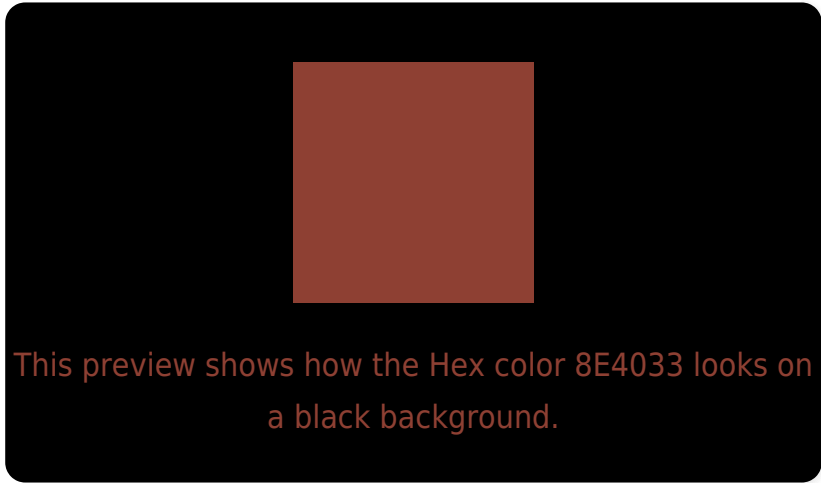
Large Text (above 18pt) WCAG AA ✓ Pass

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

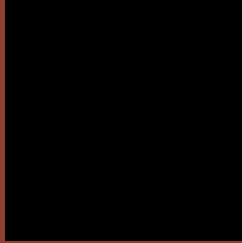
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E4033 Background



This preview shows how black text looks on a background with the Hex color 8E4033.



This preview shows how white text looks on a background with the Hex color 8E4033.

# 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**  
8E4033

**Protanopia**  
60583C

**Deuteranopia**  
6C542F



**Tritanopia**  
8F3E42

# Trichromacy



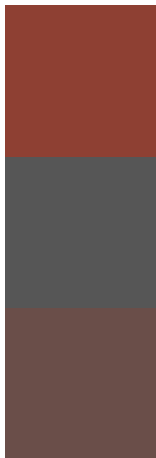
**Original Color**  
8E4033

**Protanomaly**  
714F39

**Deuteranomaly**  
784D30

**Tritanomaly**  
8F3F3D

# Monochromacy



**Original Color**  
8E4033

**Achromatopsia**  
565656

**Achromatomaly**  
6A4E49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E4033 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 #8E4033 looks like.

```
.text, #text, p{  
    color:#8E4033  
}
```

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 #8E4033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E4033
}
```

## Border

The CSS property to change the border of an element to Hex 8E4033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

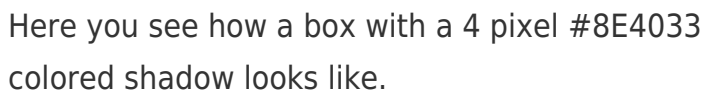
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E4033 }
```

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

```
.border{ border-color:#8E4033 }
```

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



Here you see how a box with a 4 pixel #8E4033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E4033; -webkit-box-shadow:4px 4px  
4px 4px #8E4033; box-shadow:4px 4px 4px  
4px #8E4033 }
```

# Background

The CSS property to change the background color of an element to Hex 8E4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E4033 }
```

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

```
.background{ background-color:#8E4033 }
```

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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