

# Converting Colors

Hex(8E6D3E)

Have a look what the booklet for  
Hex(8E6D3E) contains.

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**Color**

**Hex(8E6D3E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E6D3E
RGB	142, 109, 62
RGB Percent	56%, 43%, 24%
CMY	0.4431, 0.5725, 0.7569
CMYK	0.00, 0.23, 0.56, 0.44
HSL	35°, 39%, 40%
HSV	35°, 56%, 56%
XYZ	17.4935, 17.0359, 6.9237
YIQ	113.5090, 34.7550, -7.6210

# Conversions

## Conversions Part 2

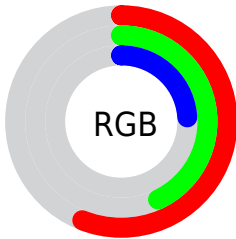
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 142, 62
Decimal	9334078
CIE Lab	48.31, 7.24, 31.04
CIE LCh	48, 31.875, 76.880
Yxy	17.0359, 0.4220, 0.4110
Android (android.graphics.Color)	4287524158 (0xFF8E6D3E)
YUV	113.5090, -25.3939, 24.9866
Hunter-Lab	41.2745, 3.4236, 18.9465

# Details

The Hex color **8E6D3E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3E5F8E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **C6A06F**, and **593E10** is the 20% darker color. If you saturate the color by 10%, you get **8E6730**, and if you desaturate by 10%, it is **8E734C**.

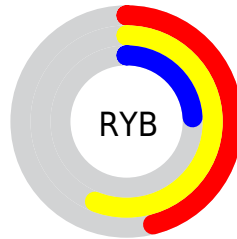
# Distribution



Red (56%)

Green (43%)

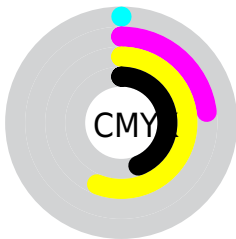
Blue (24%)



Red (46%)

Yellow (56%)

Blue (24%)

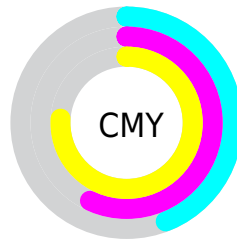


Cyan (0%)

Magenta (23%)

Yellow (56%)

Black (44%)



Cyan (44%)

Magenta (57%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E6D3E 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 8E6D3E by changing the saturation by 10% instead.



 8E6D3E

 8E6D3E

FFFFFF

 735527

 C6A06F

 593E10

 E3BB88

 402800

 FFD7A3

 271400

 FFF3BE

 000000

 FFFFDA

 FFFFF7

 8E6D3E

 8E6D3E

 8E6730

 8E734C

 8E6122

 8E795A

 8E5B13

 8E7F69

 8E5605

 8E8477

 8E5300

 8E8A85

 8E9093

 8E96A1

 8E9CB0

 8EA2BE

# Harmonies

## Analogous

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



A0644D



8E6D3E



75763E

# Triad

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



8E6D3E



008181



886698

# Complementary

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



8E6D3E



3E5F8E

# 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.



6370A6



8E6D3E



007F99

# Square

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



8E6D3E



308066



2F79A7



9F5E80

# Rectangle

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



8E6D3E



617B46



2F79A7



7E699E



# Sweetspot

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



8E6D3E



B8AB98



8E3E5F



5C5449



DBDBDB



5C5C5C



# Same Dimension

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



8E6D3E



B8843B



878E3E



474440



874F00



080400



# Inverse Universe

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



3E5F8E



3B6EB8



453E8E



404347



003887



000308



# Previews

## White Background



This preview shows how the Hex color 8E6D3E 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 8E6D3E Background



This preview shows how black text looks on a background with the Hex color 8E6D3E.



This preview shows how white text looks on a background with the Hex color 8E6D3E.

# 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**  
8E6D3E

**Protanopia**  
7E7340

**Deuteranopia**  
8D6E3E



**Tritanopia**  
92676F

# Trichromacy



**Original Color**  
8E6D3E

**Protanomaly**  
84713F

**Deuteranomaly**  
8D6E3E

**Tritanomaly**  
91695D

# Monochromacy



**Original Color**  
8E6D3E

**Achromatopsia**  
727272

**Achromatomaly**  
7C705F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E6D3E 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 #8E6D3E looks like.

```
.text, #text, p{  
    color:#8E6D3E  
}
```

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 #8E6D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E6D3E
}
```

## Border

The CSS property to change the border of an element to Hex 8E6D3E 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
#8E6D3E }
```

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

```
.border{ border-color:#8E6D3E }
```

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

Here you see how a box with a 4 pixel #8E6D3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E6D3E; -webkit-box-shadow:4px 4px  
4px 4px #8E6D3E; box-shadow:4px 4px 4px  
4px #8E6D3E }
```

# Background

The CSS property to change the background color of an element to Hex 8E6D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E6D3E }
```

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

```
.background{ background-color:#8E6D3E }
```

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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