

# Converting Colors

Hex(8E7F42)

Have a look what the booklet for  
Hex(8E7F42) contains.

<b>Hex(8E7F42)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8E7F42)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E7F42
RGB	142, 127, 66
RGB Percent	56%, 50%, 26%
CMY	0.4431, 0.5020, 0.7412
CMYK	0.00, 0.11, 0.54, 0.44
HSL	48°, 37%, 41%
HSV	48°, 54%, 56%
XYZ	19.7281, 21.3229, 8.2302
YIQ	124.5310, 28.5210, -15.7910

# Conversions

## Conversions Part 2

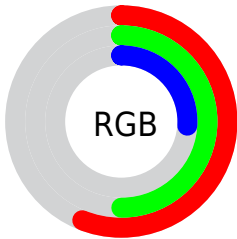
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 142, 66
Decimal	9338690
CIE <sub>Lab</sub>	53.30, -2.67, 34.92
CIE <sub>LCh</sub>	53, 35.024, 94.373
Yxy	21.3229, 0.4003, 0.4327
Android (android.graphics.Color)	4287528770 (0xFF8E7F42)
YUV	124.5310, -28.8558, 15.3203
Hunter-Lab	46.1767, -4.5487, 21.7563

# Details

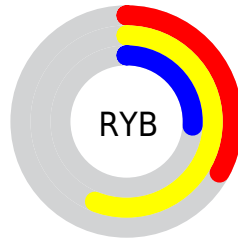
The Hex color **8E7F42** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **42518E**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **C5B474**, and **5A4E13** is the 20% darker color. If you saturate the color by 10%, you get **8E7C34**, and if you desaturate by 10%, it is **8E8250**.

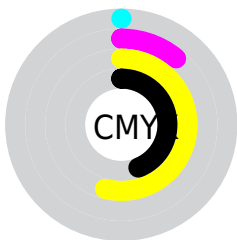
# Distribution



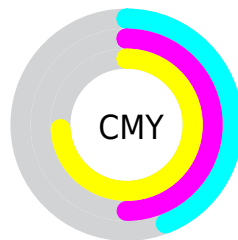
- Red (56%)
- Green (50%)
- Blue (26%)



- Red (33%)
- Yellow (56%)
- Blue (26%)



- Cyan (0%)
- Magenta (11%)
- Yellow (54%)
- Black (44%)



- Cyan (44%)
- Magenta (50%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E7F42 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 8E7F42 by changing the saturation by 10% instead.





8E7F42



8E7F42

FFFFFF



73662A



C5B474



5A4E13



E2CF8E



413800



FFEBA8



292200



FFFFC4



0C0D00



FFFEE0



000000

FFFFFFD



8E7F42



8E7F42



8E7C34



8E8250

 8E7926

 8E855E

 8E7717

 8E876D

 8E7409

 8E8A7B

 8E7200

 8E8D89

 8E9097

 8E93A5

 8E95B4

 8E98C2

# Harmonies

## Analogous

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



A77449



8E7F42



6E884C

# Triad

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



8E7F42



008EA0



A96B9A

# Complementary

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



8E7F42



42518E

# 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.



8876B1



8E7F42



0089B5

# Square

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



8E7F42



038F83



5881BB



B8677C

# Rectangle

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



8E7F42



568B5B



5881BB



A06EA3



# Sweetspot

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



8E7F42



B8B29A



8E4251



5C584A



DBDBDB



5C5C5C



# Same Dimension

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



8E7F42



B8A042



778E42



474640



876C00



080600



# Inverse Universe

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



42518E



4259B8



59428E



404247



001B87



000208



# Previews

## White Background



This preview shows how the Hex color 8E7F42 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

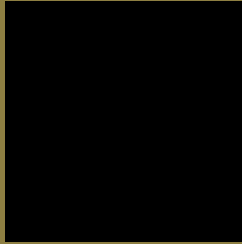
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E7F42 Background



This preview shows how black text looks on a background with the Hex color 8E7F42.



This preview shows how white text looks on a background with the Hex color 8E7F42.

# 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**  
8E7F42

**Protanopia**  
8D8042

**Deuteranopia**  
9C7943



**Tritanopia**  
947881

# Trichromacy



**Original Color**  
8E7F42

**Protanomaly**  
8D8042

**Deuteranomaly**  
977B43

**Tritanomaly**  
927B6A

# Monochromacy



**Original Color**  
8E7F42

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
837E68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E7F42 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 #8E7F42 looks like.

```
.text, #text, p{  
    color:#8E7F42  
}
```

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 #8E7F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E7F42
}
```

## Border

The CSS property to change the border of an element to Hex 8E7F42 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
#8E7F42 }
```

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

```
.border{ border-color:#8E7F42 }
```

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

Here you see how a box with a 4 pixel #8E7F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E7F42; -webkit-box-shadow:4px 4px  
4px 4px #8E7F42; box-shadow:4px 4px 4px  
4px #8E7F42 }
```

# Background

The CSS property to change the background color of an element to Hex 8E7F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E7F42 }
```

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

```
.background{ background-color:#8E7F42 }
```

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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