

Converting Colors

Hex(8E7B42)

Have a look what the booklet for
Hex(8E7B42) contains.

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Color

Hex(8E7B42)

Conversions

Conversions Part 1

Format	Color
Hex	8E7B42
RGB	142, 123, 66
RGB Percent	56%, 48%, 26%
CMY	0.4431, 0.5176, 0.7412
CMYK	0.00, 0.13, 0.54, 0.44
HSL	45°, 37%, 41%
HSV	45°, 54%, 56%
XYZ	19.2217, 20.3100, 8.0614
YIQ	122.1830, 29.6210, -13.6990

Conversions

Conversions Part 2

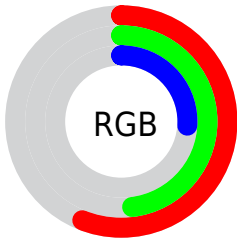
Format	Color
RYB	91, 142, 66
Decimal	9337666
CIELab	52.19, -0.42, 33.58
CIELCh	52, 33.584, 90.715
Yxy	20.3100, 0.4039, 0.4267
Android (android.graphics.Color)	4287527746 (0xFF8E7B42)
YUV	122.1830, -27.6982, 17.3795
Hunter-Lab	45.0667, -2.7336, 20.9410

Details

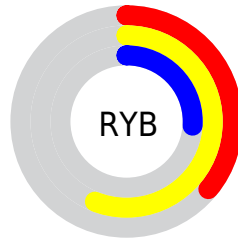
The Hex color **8E7B42** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **42558E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C5AF73**, and **594B13** is the 20% darker color. If you saturate the color by 10%, you get **8E7734**, and if you desaturate by 10%, it is **8E7F50**.

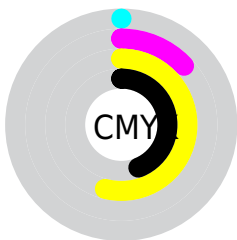
Distribution



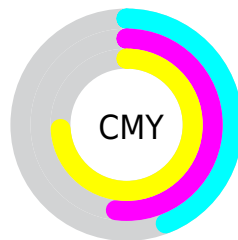
- Red (56%)
- Green (48%)
- Blue (26%)



- Red (36%)
- Yellow (56%)
- Blue (26%)



- Cyan (0%)
- Magenta (13%)
- Yellow (54%)
- Black (44%)



- Cyan (44%)
- Magenta (52%)
- Yellow (74%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E7B42 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 8E7B42 by changing the saturation by 10% instead.

 8E7B42

 8E7B42

FFFFFF

 73622B

 C5AF73

 594B13

 E2CB8D

 413400

 FFE7A8

 281F00

 FFFFC4

 0B0800

 FFFFEO

 000000

FFFFFFD

 8E7B42

 8E7B42

 8E7734

 8E7F50

■ 8E7426

■ 8E825E

■ 8E7017

■ 8E866D

■ 8E6D09

■ 8E897B

■ 8E6B00

■ 8E8D89

■ 8E9097

■ 8E94A5

■ 8E97B4

■ 8E9BC2

Harmonies

Analogous

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



A5714B



8E7B42



70834A

Triad

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



8E7B42



008B99



A16B99

Complementary

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



8E7B42



42558E

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.



8075AE



8E7B42



0087AE

Square

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



8E7B42



1B8C7C



517FB6



B2657D

Rectangle

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



8E7B42



598857



517FB6



986EA1

Sweetspot

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



8E7B42



B8B09A



8E4255



5C574A



DBDBDB



5C5C5C

Same Dimension

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



8E7B42



B89A42



7B8E42



474640



876500



080600

Inverse Universe

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



42558E



425FB8



55428E



404247



002287



000208

Previews

White Background



This preview shows how the Hex color 8E7B42 looks on a white background.

Color Contrast Check

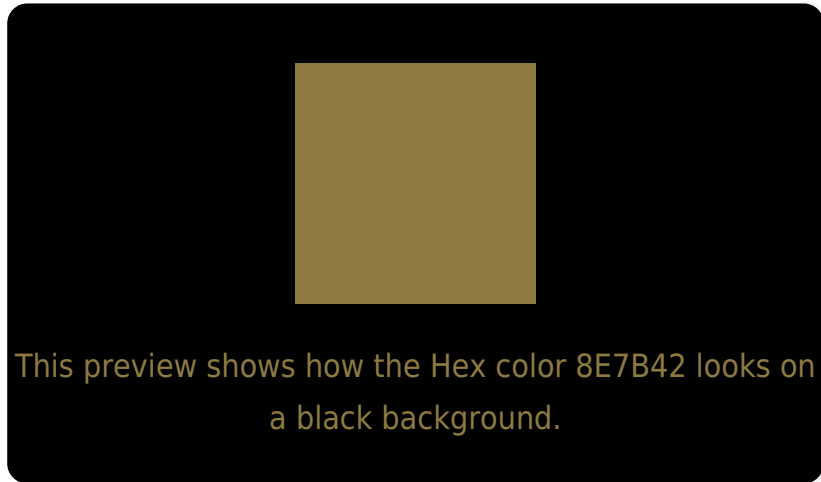
Large Text (above 18pt) WCAG AA ✓ Pass

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

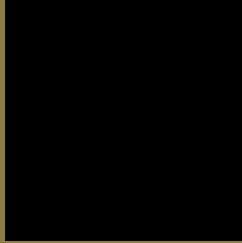
Any Text WCAG AA ✓ Pass

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 8E7B42 Background



This preview shows how black text looks on a background with the Hex color 8E7B42.



This preview shows how white text looks on a background with the Hex color 8E7B42.

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
8E7B42

Protanopia
897D43

Deuteranopia
997743



Tritanopia
93747D

Trichromacy



Original Color
8E7B42

Protanomaly
8B7C43

Deuteranomaly
957843

Tritanomaly
917768

Monochromacy



Original Color
8E7B42

Achromatopsia
7A7A7A

Achromatomaly
817A66

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E7B42 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 #8E7B42 looks like.

```
.text, #text, p{  
    color:#8E7B42  
}
```

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 #8E7B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E7B42
}
```

Border

The CSS property to change the border of an element to Hex 8E7B42 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
#8E7B42 }
```

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

```
.border{ border-color:#8E7B42 }
```

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

Here you see how a box with a 4 pixel #8E7B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E7B42; -webkit-box-shadow:4px 4px  
4px 4px #8E7B42; box-shadow:4px 4px 4px  
4px #8E7B42 }
```

Background

The CSS property to change the background color of an element to Hex 8E7B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E7B42 }
```

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

```
.background{ background-color:#8E7B42 }
```

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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