

Converting Colors

Hex(8E5635)

Have a look what the booklet for
Hex(8E5635) contains.

Hex(8E5635)	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(8E5635)

Conversions

Conversions Part 1

Format	Color
Hex	8E5635
RGB	142, 86, 53
RGB Percent	56%, 34%, 21%
CMY	0.4431, 0.6627, 0.7922
CMYK	0.00, 0.39, 0.63, 0.44
HSL	22°, 46%, 38%
HSV	22°, 63%, 56%
XYZ	15.1257, 12.6634, 5.0152
YIQ	98.9820, 43.9690, 1.6090

Conversions

Conversions Part 2

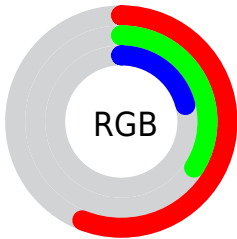
Format	Color
R_{YB}	142, 105, 53
Decimal	9328181
CIE _{Lab}	42.25, 19.87, 28.74
CIE _{LCh}	42, 34.941, 55.343
Yxy	12.6634, 0.4611, 0.3860
Android (android.graphics.Color)	4287518261 (0xFF8E5635)
YUV	98.9820, -22.6691, 37.7268
Hunter-Lab	35.5857, 13.5967, 16.5540

Details

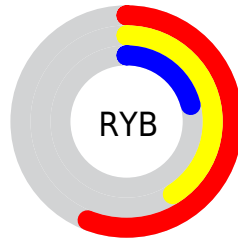
The Hex color **8E5635** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **356D8E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **C78865**, and **582808** is the 20% darker color. If you saturate the color by 10%, you get **8E4D27**, and if you desaturate by 10%, it is **8E5F43**.

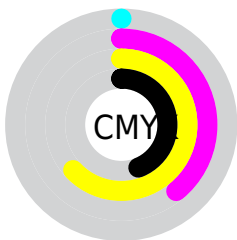
Distribution



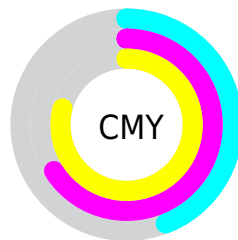
- Red (56%)
- Green (34%)
- Blue (21%)



- Red (56%)
- Yellow (41%)
- Blue (21%)



- Cyan (0%)
- Magenta (39%)
- Yellow (63%)
- Black (44%)



- Cyan (44%)
- Magenta (66%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E5635 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 8E5635 by changing the saturation by 10% instead.

 8E5635

 8E5635

FFFFFF

 733E1F

 C78865

 582808

 E4A37E

 3E1200

 FFBE98

 260000

 FFDAB3

 000000

 FFF6CE

 FFFFEB

 8E5635

 8E5635

 8E4D27

 8E5F43

■ 8E4419

■ 8E6851

■ 8E3B0A

■ 8E7160

■ 8E3500

■ 8E7A6E

■ 8E837C

■ 8E8C8A

■ 8E9598

■ 8E9DA7

■ 8EA6B5

Harmonies

Analogous

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



994D4D



8E5635



796129

Triad

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



8E5635



00725E



5F5E98

Complementary

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



8E5635



356D8E

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.



20689D



8E5635



00727B

Square

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



8E5635



396F42



006F92



835385

Rectangle

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



8E5635



66672A



006F92



4E629B

Sweetspot

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



8E5635



B8A295



8E356D



5C4F47



DBDBDB



5C5C5C

Same Dimension

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



8E5635



B8612E



8E8235



474340



873200



080300

Inverse Universe

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



356D8E



2E85B8



35418E



404547



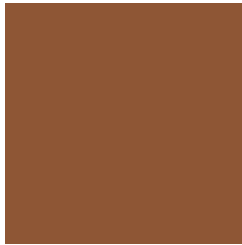
005587



000508

Previews

White Background



This preview shows how the Hex color 8E5635 looks on a white background.

Color Contrast Check

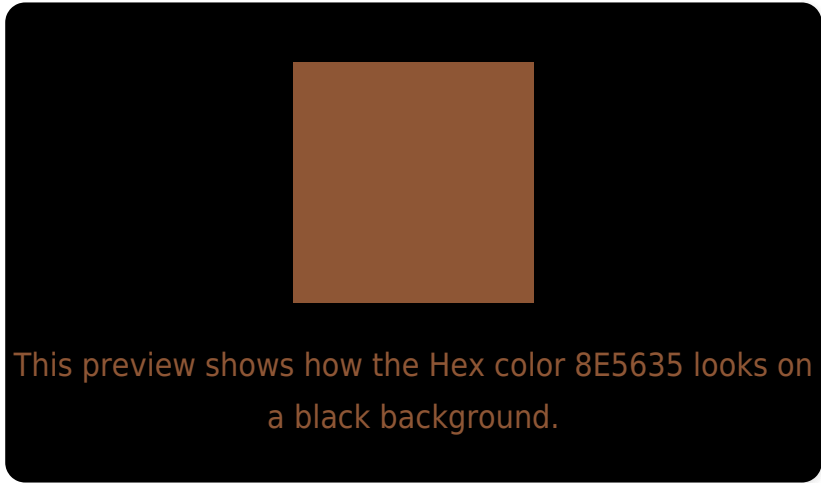
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E5635 Background



This preview shows how black text looks on a background with the Hex color 8E5635.



This preview shows how white text looks on a background with the Hex color 8E5635.

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
8E5635

Protanopia
6E643A

Deuteranopia
7B5F33



Tritanopia
905258

Trichromacy



Original Color
8E5635

Protanomaly
7A5F38

Deuteranomaly
825C34

Tritanomaly
8F534B

Monochromacy



Original Color
8E5635

Achromatopsia
636363

Achromatomaly
735E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E5635 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 #8E5635 looks like.

```
.text, #text, p{  
    color:#8E5635  
}
```

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 #8E5635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E5635
}
```

Border

The CSS property to change the border of an element to Hex 8E5635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

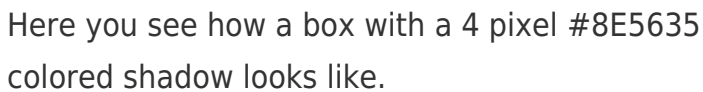
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E5635 }
```

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

```
.border{ border-color:#8E5635 }
```

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



Here you see how a box with a 4 pixel #8E5635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E5635; -webkit-box-shadow:4px 4px  
4px 4px #8E5635; box-shadow:4px 4px 4px  
4px #8E5635 }
```

Background

The CSS property to change the background color of an element to Hex 8E5635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E5635 }
```

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

```
.background{ background-color:#8E5635 }
```

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