

Converting Colors

Hex(8E723E)

Have a look what the booklet for
Hex(8E723E) contains.

Hex(8E723E)	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(8E723E)

Conversions

Conversions Part 1

Format	Color
Hex	8E723E
RGB	142, 114, 62
RGB Percent	56%, 45%, 24%
CMY	0.4431, 0.5529, 0.7569
CMYK	0.00, 0.20, 0.56, 0.44
HSL	39°, 39%, 40%
HSV	39°, 56%, 56%
XYZ	18.0421, 18.1332, 7.1066
YIQ	116.4440, 33.3800, -10.2360

Conversions

Conversions Part 2

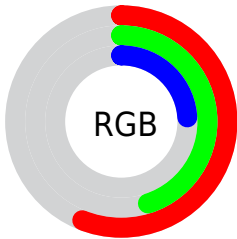
Format	Color
RYB	105, 142, 62
Decimal	9335358
CIELab	49.66, 4.35, 32.68
CIElCh	50, 32.966, 82.417
Yxy	18.1332, 0.4169, 0.4190
Android (android.graphics.Color)	4287525438 (0xFF8E723E)
YUV	116.4440, -26.8409, 22.4126
Hunter-Lab	42.5831, 1.1087, 19.9135

Details

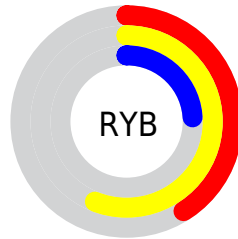
The Hex color **8E723E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3E5A8E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **C6A66F**, and **594210** is the 20% darker color. If you saturate the color by 10%, you get **8E6D30**, and if you desaturate by 10%, it is **8E774C**.

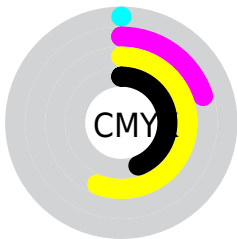
Distribution



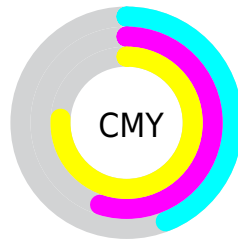
- Red (56%)
- Green (45%)
- Blue (24%)



- Red (41%)
- Yellow (56%)
- Blue (24%)



- Cyan (0%)
- Magenta (20%)
- Yellow (56%)
- Black (44%)



- Cyan (44%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E723E 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 8E723E by changing the saturation by 10% instead.

 8E723E

 8E723E

FFFFFF

 735A27

 C6A66F

 594210

 E2C189

 412C00

 FFDDA3

 281800

 FFF9BF

 070000

 FFFFDB

 000000

 FFFFF7

 8E723E

 8E723E

 8E6D30

 8E774C

■ 8E6822

■ 8E7C5A

■ 8E6313

■ 8E8169

■ 8E5E05

■ 8E8677

■ 8E5C00

■ 8E8B85

■ 8E9093

■ 8E95A1

■ 8E9AB0

■ 8E9FBE

Harmonies

Analogous

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



A2684B



8E723E



737B41

Triad

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



8E723E



00858A



926799

Complementary

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



8E723E



3E5A8E

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.



6E71AA



8E723E



0082A2

Square

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



8E723E



27846E



3B7BAD



A7607E

Rectangle

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



8E723E



5D7F4C



3B7BAD



886AA0

Sweetspot

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



8E723E



B8AD98



8E3E5A



5C5549



DBDBDB



5C5C5C

Same Dimension

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



8E723E



B88C3B



828E3E



474540



875800



080500

Inverse Universe

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



3E5A8E



3B66B8



4A3E8E



404347



002F87



000308

Previews

White Background



This preview shows how the Hex color 8E723E 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

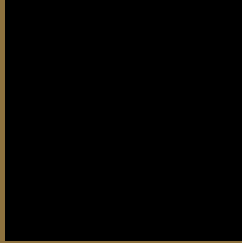
Any Text WCAG AA ✓ Pass

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 8E723E Background



This preview shows how black text looks on a background with the Hex color 8E723E.



This preview shows how white text looks on a background with the Hex color 8E723E.

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
8E723E

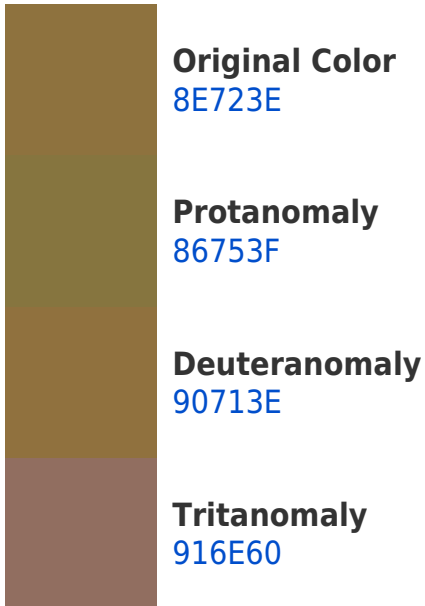
Protanopia
82763F

Deuteranopia
91713E

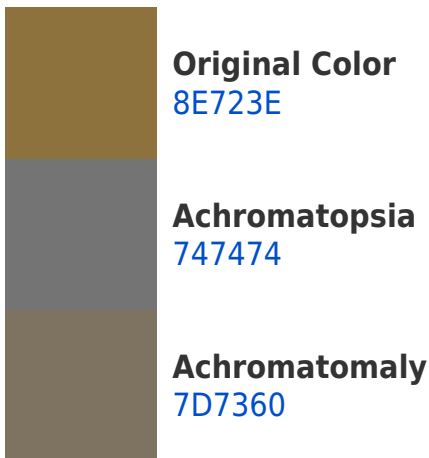


Tritanopia
936C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8E723E 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 #8E723E looks like.

```
.text, #text, p{  
    color:#8E723E  
}
```

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 #8E723E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E723E
}
```

Border

The CSS property to change the border of an element to Hex 8E723E 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
#8E723E }
```

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

```
.border{ border-color:#8E723E }
```

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

Here you see how a box with a 4 pixel #8E723E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E723E; -webkit-box-shadow:4px 4px  
4px 4px #8E723E; box-shadow:4px 4px 4px  
4px #8E723E }
```

Background

The CSS property to change the background color of an element to Hex 8E723E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E723E }
```

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

```
.background{ background-color:#8E723E }
```

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