

# Converting Colors

Hex(8E723A)

Have a look what the booklet for  
Hex(8E723A) contains.

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**Color**

**Hex(8E723A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E723A
RGB	142, 114, 58
RGB Percent	56%, 45%, 23%
CMY	0.4431, 0.5529, 0.7725
CMYK	0.00, 0.20, 0.59, 0.44
HSL	40°, 42%, 39%
HSV	40°, 59%, 56%
XYZ	17.9364, 18.0909, 6.5495
YIQ	115.9880, 34.6640, -11.4800

# Conversions

## Conversions Part 2

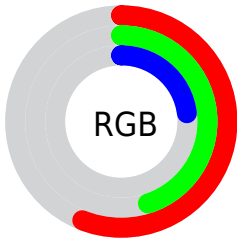
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 142, 58
Decimal	9335354
CIE <sub>Lab</sub>	49.61, 4.01, 34.75
CIE <sub>LCh</sub>	50, 34.981, 83.421
Yxy	18.0909, 0.4213, 0.4249
Android (android.graphics.Color)	4287525434 (0xFF8E723A)
YUV	115.9880, -28.5881, 22.8125
Hunter-Lab	42.5334, 0.8401, 20.6436

# Details

The Hex color **8E723A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3A568E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C6A66B**, and **59420A** is the 20% darker color. If you saturate the color by 10%, you get **8E6D2C**, and if you desaturate by 10%, it is **8E7748**.

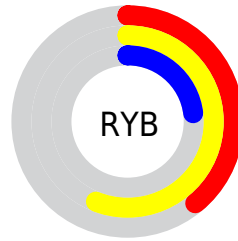
# Distribution



Red (56%)

Green (45%)

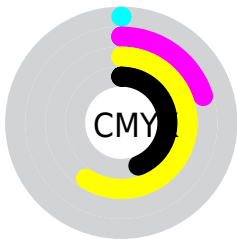
Blue (23%)



Red (39%)

Yellow (56%)

Blue (23%)

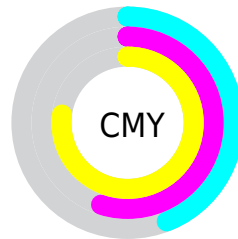


Cyan (0%)

Magenta (20%)

Yellow (59%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E723A 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 8E723A by changing the saturation by 10% instead.





8E723A



8E723A

FFFFFF



735A23



C6A66B



59420A



E3C185



402C00



FFDD9F



271800



FFF9BA



060000



FFFFD6



000000



FFFFF3



8E723A



8E723A



8E6D2C



8E7748

 8E691E

 8E7B56

 8E640F

 8E8065

 8E5F01

 8E8573

 8E5F00

 8E8A81

 8E8E8F

 8E939D

 8E98AC

 8E9DBA

# Harmonies

## Analogous

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



A46747



8E723A



717B3E

# Triad

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



8E723A



00858D



95669A

# Complementary

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



8E723A



3A568E

# 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.



6F71AC



8E723A



0082A5

# Square

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



8E723A



19856E



367BB1



AA5E7E

# Rectangle

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



8E723A



5A8049



367BB1



8A69A1



# Sweetspot

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



8E723A



B8AD97



8E3A56



5C5548



DBDBDB



5C5C5C



# Same Dimension

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



8E723A



B88C35



808E3A



474540



875A00



080500



# Inverse Universe

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



3A568E



3561B8



483A8E



404347



002D87



000308



# Previews

## White Background



This preview shows how the Hex color 8E723A looks on a white background.

## Color Contrast Check

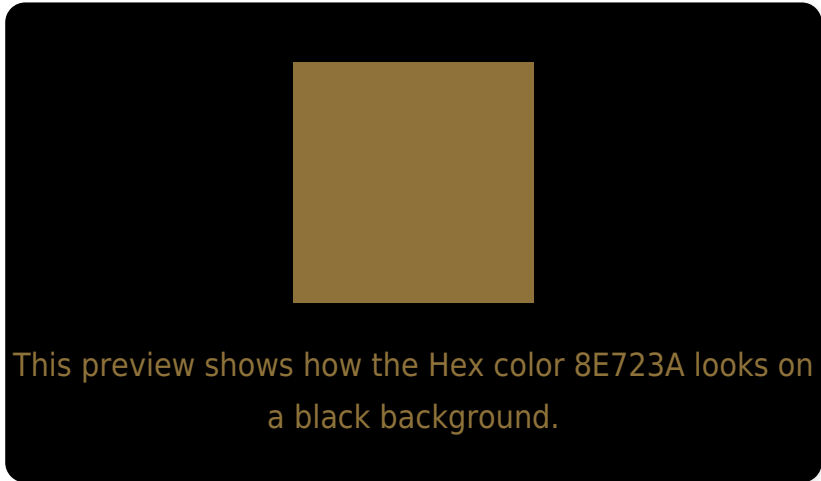
Large Text (above 18pt) WCAG AA ✓ Pass

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

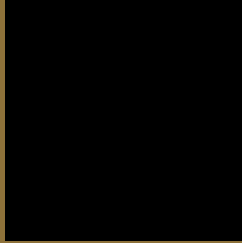
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E723A Background



This preview shows how black text looks on a background with the Hex color 8E723A.



This preview shows how white text looks on a background with the Hex color 8E723A.

# 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**  
8E723A

**Protanopia**  
83763B

**Deuteranopia**  
91713A



**Tritanopia**  
936C74

# Trichromacy



**Original Color**  
8E723A

**Protanomaly**  
87753B

**Deuteranomaly**  
90713A

**Tritanomaly**  
916E5F

# Monochromacy



**Original Color**  
8E723A

**Achromatopsia**  
747474

**Achromatomaly**  
7D735F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E723A 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 #8E723A looks like.

```
.text, #text, p{  
    color:#8E723A  
}
```

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 #8E723A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E723A
}
```

## Border

The CSS property to change the border of an element to Hex 8E723A 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
#8E723A }
```

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

```
.border{ border-color:#8E723A }
```

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

Here you see how a box with a 4 pixel #8E723A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E723A; -webkit-box-shadow:4px 4px  
4px 4px #8E723A; box-shadow:4px 4px 4px  
4px #8E723A }
```

# Background

The CSS property to change the background color of an element to Hex 8E723A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E723A }
```

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

```
.background{ background-color:#8E723A }
```

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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