

# Converting Colors

Hex(8E4C6E)

Have a look what the booklet for  
Hex(8E4C6E) contains.

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# Color

**Hex(8E4C6E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E4C6E
RGB	142, 76, 110
RGB Percent	56%, 30%, 43%
CMY	0.4431, 0.7020, 0.5686
CMYK	0.00, 0.46, 0.23, 0.44
HSL	329°, 30%, 43%
HSV	329°, 46%, 56%
XYZ	16.5542, 12.0455, 16.2044
YIQ	99.6100, 28.4220, 24.5660

# Conversions

## Conversions Part 2

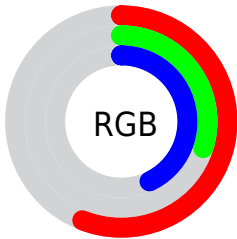
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 76, 110
Decimal	9325678
CIE <sub>Lab</sub>	41.29, 32.30, -7.21
CIE <sub>LCh</sub>	41, 33.093, 347.408
Yxy	12.0455, 0.3695, 0.2688
Android (android.graphics.Color)	4287515758 (0xFF8E4C6E)
YUV	99.6100, 5.1223, 37.1760
Hunter-Lab	34.7066, 24.4040, -3.3877

# Details

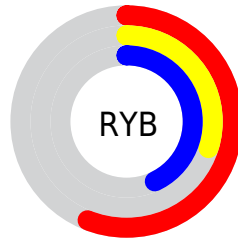
The Hex color **8E4C6E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4C8E6C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C57FA2**, and **5A1C3E** is the 20% darker color. If you saturate the color by 10%, you get **8E3E67**, and if you desaturate by 10%, it is **8E5A75**.

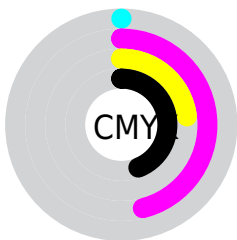
# Distribution



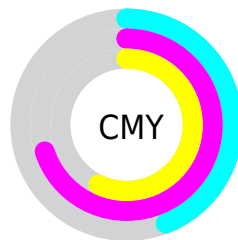
- Red (56%)
- Green (30%)
- Blue (43%)



- Red (56%)
- Yellow (30%)
- Blue (43%)



- Cyan (0%)
- Magenta (46%)
- Yellow (23%)
- Black (44%)



- Cyan (44%)
- Magenta (70%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E4C6E 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 8E4C6E by changing the saturation by 10% instead.



8E4C6E

8E4C6E

FFFFFF

733456

C57FA2

5A1C3E

E299BD

410229

FFB4D8

2B0014

FFD0F5

000000

FFEDFF

8E4C6E

8E4C6E

8E3E67

8E5A75

8E3060

8E687C

 8E2159

 8E7783

 8E1352

 8E858A

 8E054C

 8E9390

 8E0049

 8EA197

 8EAF9E

 8EBEA5

 8ECCAC

# Harmonies

## Analogous

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



775486



8E4C6E



954B53

# Triad

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



8E4C6E



62652C



006D89

# Complementary

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



8E4C6E



4C8E6C

# 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.



006F71



8E4C6E



436B3B

# Square

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



8E4C6E



7B5C2B



136E55



056896

# Rectangle

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



8E4C6E



914F42



136E55



006E82



# Sweetspot

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



8E4C6E



B89EAB



6C4C8E



5C4C54



DBDBDB



5C5C5C



# Same Dimension

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



8E4C6E



B85186



8E4C4D



474044



870046



080004



# Inverse Universe

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



8E4C6E



B85186



4C8E8D



474044



870046

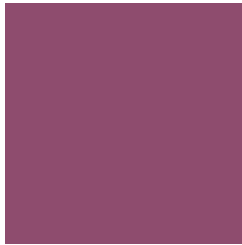


080004



# Previews

## White Background



This preview shows how the Hex color 8E4C6E looks on a white background.

## Color Contrast Check

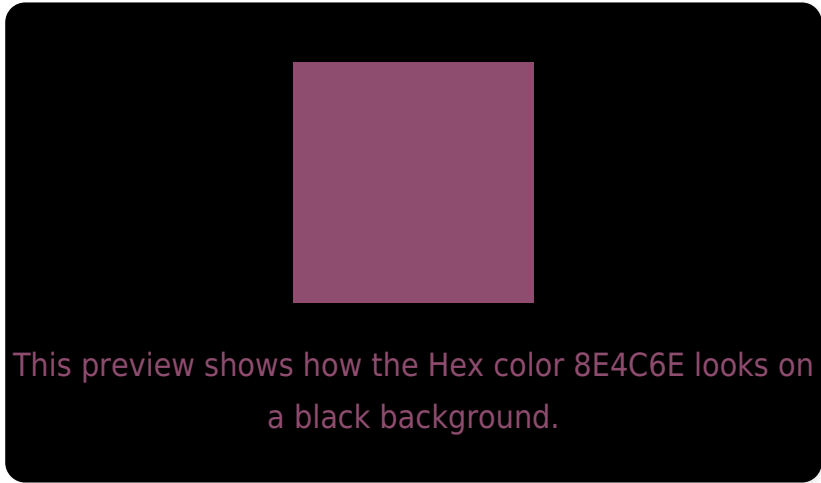
Large Text (above 18pt) WCAG AA ✓ Pass

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

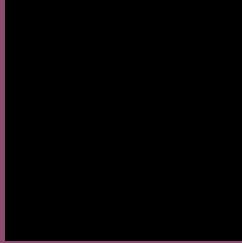
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E4C6E Background



This preview shows how black text looks on a background with the Hex color 8E4C6E.



This preview shows how white text looks on a background with the Hex color 8E4C6E.

# 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





**Tritanopia**  
8C5157

# Trichromacy



**Original Color**  
8E4C6E

**Protanomaly**  
6E5977

**Deuteranomaly**  
75586C

**Tritanomaly**  
8D4F5F

# Monochromacy



**Original Color**  
8E4C6E

**Achromatopsia**  
646464

**Achromatomaly**  
735B68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E4C6E 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 #8E4C6E looks like.

```
.text, #text, p{  
    color:#8E4C6E  
}
```

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 #8E4C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E4C6E
}
```

## Border

The CSS property to change the border of an element to Hex 8E4C6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

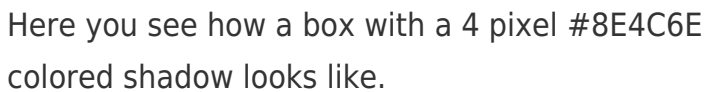
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E4C6E }
```

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

```
.border{ border-color:#8E4C6E }
```

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



Here you see how a box with a 4 pixel #8E4C6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E4C6E; -webkit-box-shadow:4px 4px  
4px 4px #8E4C6E; box-shadow:4px 4px 4px  
4px #8E4C6E }
```

# Background

The CSS property to change the background color of an element to Hex 8E4C6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E4C6E }
```

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

```
.background{ background-color:#8E4C6E }
```

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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