

# Converting Colors

Hex(8B634E)

Have a look what the booklet for  
Hex(8B634E) contains.

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**Color**

**Hex(8B634E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B634E
RGB	139, 99, 78
RGB Percent	55%, 39%, 31%
CMY	0.4549, 0.6118, 0.6941
CMYK	0.00, 0.29, 0.44, 0.45
HSL	21°, 28%, 43%
HSV	21°, 44%, 55%
XYZ	16.4844, 14.9627, 9.2270
YIQ	108.5660, 30.5810, 1.9490

# Conversions

## Conversions Part 2

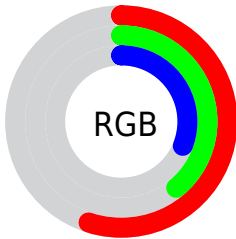
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 110, 78
Decimal	9134926
CIE Lab	45.58, 13.39, 18.33
CIE LCh	46, 22.701, 53.849
Yxy	14.9627, 0.4053, 0.3679
Android (android.graphics.Color)	4287325006 (0xFF8B634E)
YUV	108.5660, -15.0690, 26.6906
Hunter-Lab	38.6817, 8.3761, 12.9343

# Details

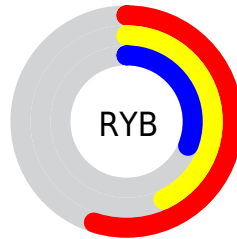
The Hex color **8B634E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4E768B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C2967F**, and **573421** is the 20% darker color. If you saturate the color by 10%, you get **8B5A40**, and if you desaturate by 10%, it is **8B6C5C**.

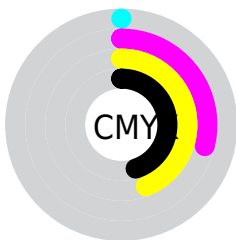
# Distribution



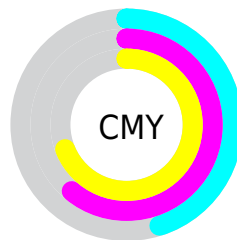
- Red (55%)
- Green (39%)
- Blue (31%)



- Red (55%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (29%)
- Yellow (44%)
- Black (45%)



- Cyan (45%)
- Magenta (61%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B634E 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 8B634E by changing the saturation by 10% instead.



 8B634E

 8B634E

FFFFFF

 714B37

 C2967F

 573421

 DFB199

 3E1F0C

 FCCCB4

 270900

 FFE8D0

 000000

 FFFFEC

 8B634E

 8B634E

 8B5A40

 8B6C5C

 8B5132

 8B756A

 8B4824

 8B7E78

 8B3F16

 8B8786

 8B3509

 8B9193

 8B3000

 8B9AA1

 8BA3AF

 8BACBD

 8BB5CB

# Harmonies

## Analogous

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



925E5E



8B634E



7D6946

# Triad

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



8B634E



3D7667



69688E

# Complementary

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



8B634E



4E768B

# 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.



4D6F91



8B634E



2E767B

# Square

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



8B634E



547455



33748A



806282

# Rectangle

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



8B634E



706E47



33748A



606B91



# Sweetspot

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



8B634E



B5A69E



8B4E77



5C524D



DBDBDB



5C5C5C



# Same Dimension

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



8B634E



B57655



8B814E



45403E



852E00



050200



# Inverse Universe

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



4E768B



5594B5



4E588B



3E4245



005785



000305



# Previews

## White Background



This preview shows how the Hex color 8B634E looks on a white background.

## Color Contrast Check

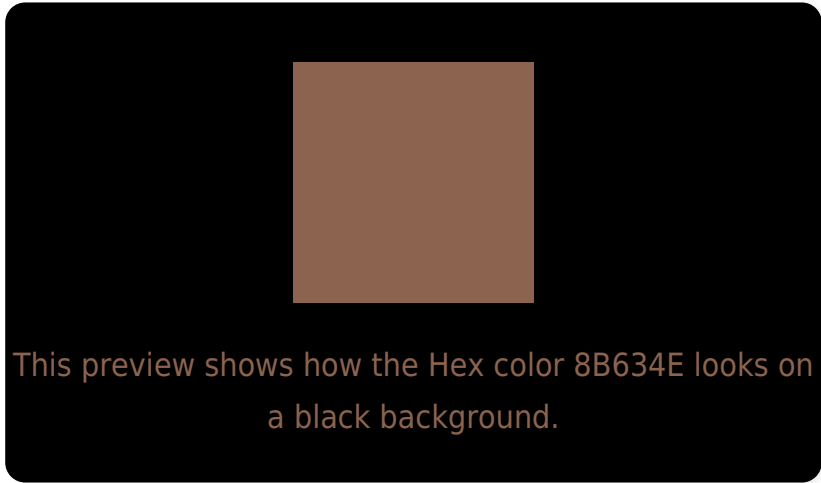
Large Text (above 18pt) WCAG AA ✓ Pass

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

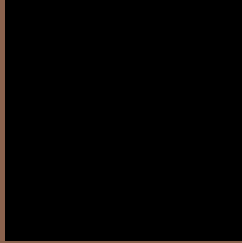
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B634E Background



This preview shows how black text looks on a background with the Hex color 8B634E.



This preview shows how white text looks on a background with the Hex color 8B634E.

# 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**  
8B634E

**Protanopia**  
746C52

**Deuteranopia**  
81684D



**Tritanopia**  
8D6067

# Trichromacy



**Original Color**  
8B634E

**Protanomaly**  
7C6951

**Deuteranomaly**  
85664D

**Tritanomaly**  
8C615E

# Monochromacy



**Original Color**  
8B634E

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
786962

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B634E 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 #8B634E looks like.

```
.text, #text, p{  
    color:#8B634E  
}
```

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 #8B634E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B634E
}
```

## Border

The CSS property to change the border of an element to Hex 8B634E is called "border". The border property can be set on classes, ids or directly on the HTML element.

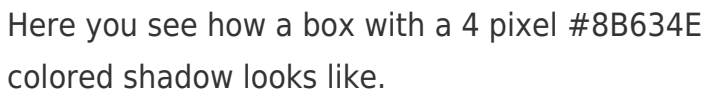
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B634E }
```

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

```
.border{ border-color:#8B634E }
```

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



Here you see how a box with a 4 pixel #8B634E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B634E; -webkit-box-shadow:4px 4px  
4px 4px #8B634E; box-shadow:4px 4px 4px  
4px #8B634E }
```

# Background

The CSS property to change the background color of an element to Hex 8B634E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B634E }
```

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

```
.background{ background-color:#8B634E }
```

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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