

# Converting Colors

Hex(834E4A)

Have a look what the booklet for  
Hex(834E4A) contains.

<b>Hex(834E4A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(834E4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	834E4A
RGB	131, 78, 74
RGB Percent	51%, 31%, 29%
CMY	0.4863, 0.6941, 0.7098
CMYK	0.00, 0.40, 0.44, 0.49
HSL	4°, 28%, 40%
HSV	4°, 44%, 51%
XYZ	13.3205, 10.7685, 7.8550
YIQ	93.3910, 32.8720, 9.9920

# Conversions

## Conversions Part 2

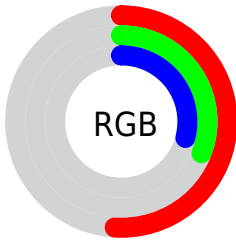
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 78, 74
Decimal	8605258
CIE <sub>Lab</sub>	39.19, 21.84, 11.89
CIE <sub>LCh</sub>	39, 24.866, 28.575
Yxy	10.7685, 0.4170, 0.3371
Android (android.graphics.Color)	4286795338 (0xFF834E4A)
YUV	93.3910, -9.5598, 32.9831
Hunter-Lab	32.8154, 15.0302, 8.7785

# Details

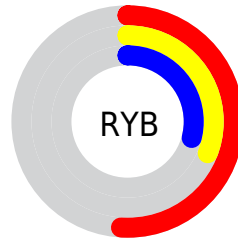
The Hex color **834E4A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4A7F83**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BA807B**, and **4F201E** is the 20% darker color. If you saturate the color by 10%, you get **83423D**, and if you desaturate by 10%, it is **835A57**.

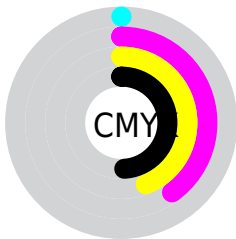
# Distribution



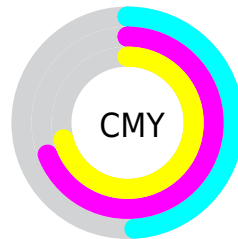
- Red (51%)
- Green (31%)
- Blue (29%)



- Red (51%)
- Yellow (31%)
- Blue (29%)



- Cyan (0%)
- Magenta (40%)
- Yellow (44%)
- Black (49%)



- Cyan (49%)
- Magenta (69%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 834E4A 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 834E4A by changing the saturation by 10% instead.



 834E4A

 834E4A

FFFFFF

 693733

 BA807B

 4F201E

 D69A94

 360A06

 F3B5AF

 200001

 FFD1CA

 000000

 FFEDE7

 834E4A

 834E4A

 83423D

 835A57

 833630

 836664

832923

837371

831D16

837F7E

831109

838B8B

830900

839799

83A3A6

83AFB3

83BCC0

# Harmonies

## Analogous

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



824D5E



834E4A



7A543A

# Triad

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



834E4A



3D6547



3D5F84

# Complementary

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



834E4A



4A7F83

# 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.



16647E



834E4A



21675B

# Square

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



834E4A



566138



00676F



5D5780

# Rectangle

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



834E4A



705835



00676F



306184



# Sweetspot

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



834E4A



AB9695



834A7F



574A49



D6D6D6



575757



# Same Dimension

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



834E4A



AB5852



836A4A



423C3C



820900



030000



# Inverse Universe

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



4A7F83



52A5AB



4A6383



3C4242



007982



000203



# Previews

## White Background



This preview shows how the Hex color 834E4A looks on a white background.

## Color Contrast Check

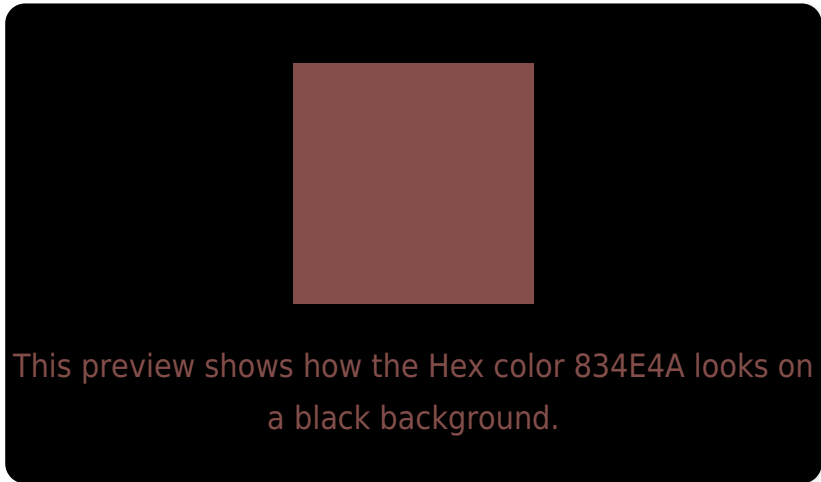
Large Text (above 18pt) WCAG AA ✓ Pass

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

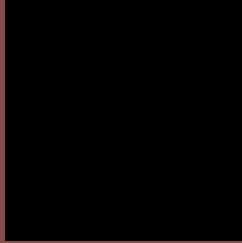
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 834E4A Background



This preview shows how black text looks on a background with the Hex color 834E4A.

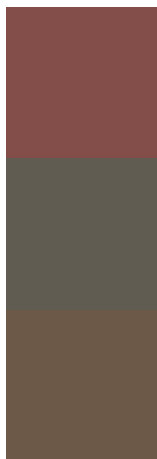


This preview shows how white text looks on a background with the Hex color 834E4A.

# 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**  
834E4A

**Protanopia**  
615C51

**Deuteranopia**  
6D5948



**Tritanopia**  
844D52

# Trichromacy



**Original Color**  
834E4A

**Protanomaly**  
6D574E

**Deuteranomaly**  
755549

**Tritanomaly**  
844D4F

# Monochromacy



**Original Color**  
834E4A

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
6B5856

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 834E4A 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 #834E4A looks like.

```
.text, #text, p{  
    color:#834E4A  
}
```

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 #834E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834E4A
}
```

## Border

The CSS property to change the border of an element to Hex 834E4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

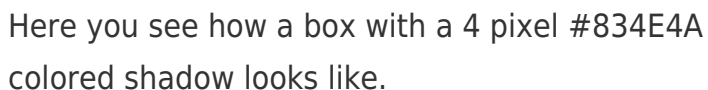
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834E4A }
```

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

```
.border{ border-color:#834E4A }
```

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



Here you see how a box with a 4 pixel #834E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834E4A; -webkit-box-shadow:4px 4px  
4px 4px #834E4A; box-shadow:4px 4px 4px  
4px #834E4A }
```

# Background

The CSS property to change the background color of an element to Hex 834E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834E4A }
```

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

```
.background{ background-color:#834E4A }
```

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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