

# Converting Colors

Hex(834E47)

Have a look what the booklet for  
Hex(834E47) contains.

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**Color**

**Hex(834E47)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	834E47
RGB	131, 78, 71
RGB Percent	51%, 31%, 28%
CMY	0.4863, 0.6941, 0.7216
CMYK	0.00, 0.40, 0.46, 0.49
HSL	7°, 30%, 40%
HSV	7°, 46%, 51%
XYZ	13.2218, 10.7290, 7.3353
YIQ	93.0490, 33.8350, 9.0590

# Conversions

## Conversions Part 2

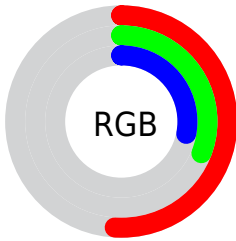
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 79, 71
Decimal	8605255
CIE <sub>Lab</sub>	39.12, 21.48, 13.66
CIE <sub>LCh</sub>	39, 25.457, 32.439
Yxy	10.7290, 0.4226, 0.3429
Android (android.graphics.Color)	4286795335 (0xFF834E47)
YUV	93.0490, -10.8702, 33.2830
Hunter-Lab	32.7552, 14.7309, 9.6511

# Details

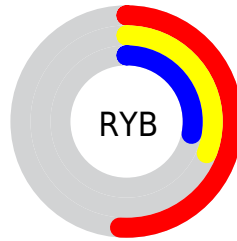
The Hex color **834E47** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **477C83**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BA8077**, and **4F201C** is the 20% darker color. If you saturate the color by 10%, you get **83423A**, and if you desaturate by 10%, it is **835A54**.

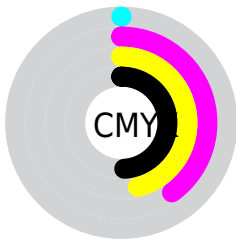
# Distribution



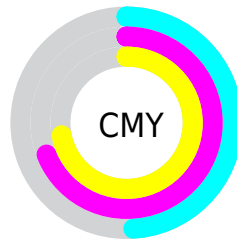
- Red (51%)
- Green (31%)
- Blue (28%)



- Red (51%)
- Yellow (31%)
- Blue (28%)



- Cyan (0%)
- Magenta (40%)
- Yellow (46%)
- Black (49%)



- Cyan (49%)
- Magenta (69%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 834E47 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 834E47 by changing the saturation by 10% instead.



 834E47

 834E47

FFFFFF

 693731

 BA8077

 4F201C

 D79A91

 360A01

 F4B5AC

 1F0001

 FFD1C7

 000000

 FFEDE3

 834E47

 834E47

 83423A

 835A54

 83372D

 836561

 832B20

 83716E

 832013

 837C7B

 831406

 838889

 830F00

 839396

 839FA3

 83ABB0

 83B6BD

# Harmonies

## Analogous

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



834C5B



834E47



795438

# Triad

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



834E47



396548



405E85

# Complementary

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



834E47



477C83

# 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.



176380



834E47



1A675D

# Square

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



834E47



526138



006672



61567F

# Rectangle

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



834E47



6E5933



006672



336085



# Sweetspot

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



834E47



AB9693



83477C



574A48



D6D6D6



575757



# Same Dimension

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



834E47



AB584D



836C47



423C3C



820F00



030000



# Inverse Universe

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



477C83



4DA0AB



475E83



3C4242



007382



000203



# Previews

## White Background



This preview shows how the Hex color 834E47 looks on a white background.

## Color Contrast Check

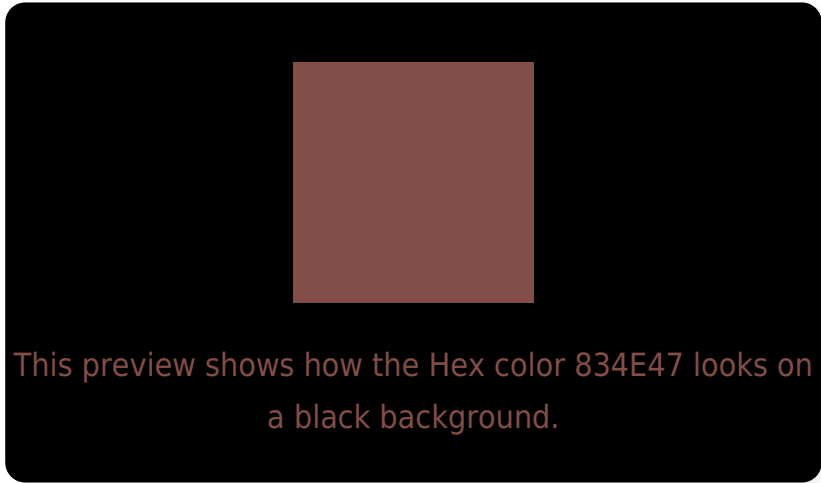
Large Text (above 18pt) WCAG AA ✓ Pass

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

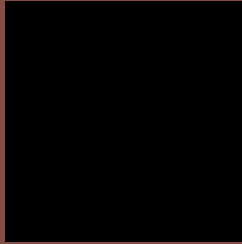
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 834E47 Background



This preview shows how black text looks on a background with the Hex color 834E47.

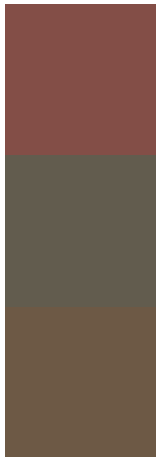


This preview shows how white text looks on a background with the Hex color 834E47.

# 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**  
834E47

**Protanopia**  
625C4E

**Deuteranopia**  
6D5945



**Tritanopia**  
844C52

# Trichromacy



**Original Color**  
834E47

**Protanomaly**  
6E574B

**Deuteranomaly**  
755546

**Tritanomaly**  
844D4E

# Monochromacy



**Original Color**  
834E47

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
6B5855

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 834E47 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 #834E47 looks like.

```
.text, #text, p{  
    color:#834E47  
}
```

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 #834E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834E47
}
```

## Border

The CSS property to change the border of an element to Hex 834E47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

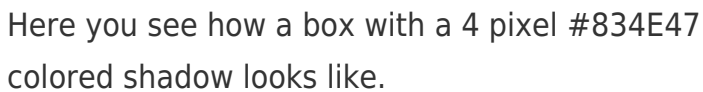
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834E47 }
```

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

```
.border{ border-color:#834E47 }
```

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



Here you see how a box with a 4 pixel #834E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834E47; -webkit-box-shadow:4px 4px  
4px 4px #834E47; box-shadow:4px 4px 4px  
4px #834E47 }
```

# Background

The CSS property to change the background color of an element to Hex 834E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834E47 }
```

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

```
.background{ background-color:#834E47 }
```

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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