

# Converting Colors

Hex(803E4B)

Have a look what the booklet for  
Hex(803E4B) contains.

<b>Hex(803E4B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(803E4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	803E4B
RGB	128, 62, 75
RGB Percent	50%, 24%, 29%
CMY	0.4980, 0.7569, 0.7059
CMYK	0.00, 0.52, 0.41, 0.50
HSL	348°, 35%, 37%
HSV	348°, 52%, 50%
XYZ	11.8947, 8.5424, 7.6785
YIQ	83.2160, 35.1630, 18.0350

# Conversions

## Conversions Part 2

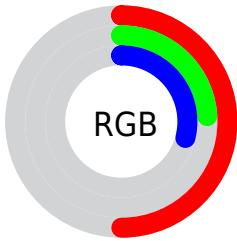
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 62, 75
Decimal	8404555
CIE <sub>Lab</sub>	35.09, 29.89, 5.45
CIE <sub>LCh</sub>	35, 30.384, 10.339
Yxy	8.5424, 0.4231, 0.3038
Android (android.graphics.Color)	4286594635 (0xFF803E4B)
YUV	83.2160, -4.0505, 39.2756
Hunter-Lab	29.2275, 21.4962, 4.8827

# Details

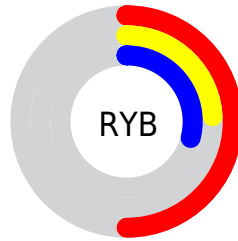
The Hex color **803E4B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E8073**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B7707C**, and **4B0E1F** is the 20% darker color. If you saturate the color by 10%, you get **803141**, and if you desaturate by 10%, it is **804B55**.

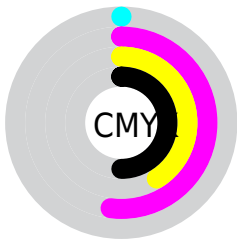
# Distribution



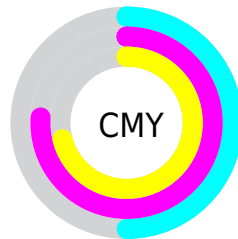
- Red (50%)
- Green (24%)
- Blue (29%)



- Red (50%)
- Yellow (24%)
- Blue (29%)



- Cyan (0%)
- Magenta (52%)
- Yellow (41%)
- Black (50%)



- Cyan (50%)
- Magenta (76%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 803E4B 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 803E4B by changing the saturation by 10% instead.



 803E4B

 803E4B

FFFFFF

 652634

 B7707C

 4B0E1F

 D48995

 330007

 F1A4B0

 140000

 FFC0CB

 000000

 FFDCE8

 FFF9FF

 803E4B

 803E4B

 803141

 804B55

802436

805860

80182C

80646A

800B22

807174

800019

807E7E

808B89

809893

80A49D

80B1A8

# Harmonies

## Analogous

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



774163



803E4B



7C4334

# Triad

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



803E4B



3E5A2C



005980

# Complementary

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



803E4B



3E8073

# 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.



005E71



803E4B



195E41

# Square

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



803E4B



595421



005F5A



395282

# Rectangle

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



803E4B



744829



005F5A



005B7C



# Sweetspot

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



803E4B



A68D92



733E80



544548



D4D4D4



545454



# Same Dimension

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



803E4B



A63F53



80523E



40393B



800019



000000



# Inverse Universe

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



803E4B



A63F53



3E6C80



40393B



800019

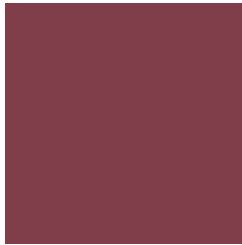


000000



# Previews

## White Background



This preview shows how the Hex color 803E4B looks on a white background.

## Color Contrast Check

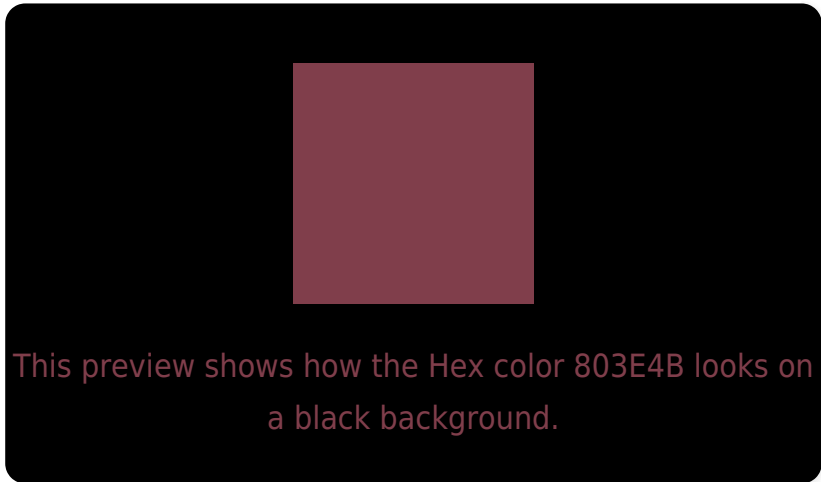
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

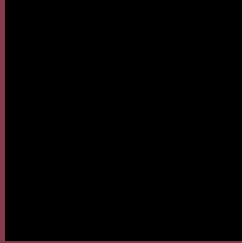
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 803E4B Background



This preview shows how black text looks on a background with the Hex color 803E4B.



This preview shows how white text looks on a background with the Hex color 803E4B.

# 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**  
803E4B

**Protanopia**  
545356

**Deuteranopia**  
5F5048



**Tritanopia**  
7F3F44

# Trichromacy



**Original Color**  
803E4B

**Protanomaly**  
644B52

**Deuteranomaly**  
6B4949

**Tritanomaly**  
7F3F47

# Monochromacy



**Original Color**  
803E4B

**Achromatopsia**  
535353

**Achromatomaly**  
634B50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 803E4B 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 #803E4B looks like.

```
.text, #text, p{  
    color:#803E4B  
}
```

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 #803E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803E4B
}
```

## Border

The CSS property to change the border of an element to Hex 803E4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

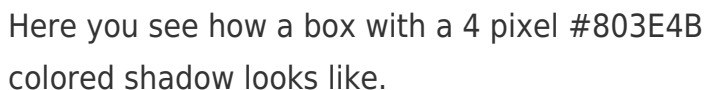
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803E4B }
```

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

```
.border{ border-color:#803E4B }
```

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



Here you see how a box with a 4 pixel #803E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803E4B; -webkit-box-shadow:4px 4px  
4px 4px #803E4B; box-shadow:4px 4px 4px  
4px #803E4B }
```

# Background

The CSS property to change the background color of an element to Hex 803E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803E4B }
```

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

```
.background{ background-color:#803E4B }
```

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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