

# Converting Colors

Hex(83694B)

Have a look what the booklet for  
Hex(83694B) contains.

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**Color**

**Hex(83694B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83694B
RGB	131, 105, 75
RGB Percent	51%, 41%, 29%
CMY	0.4863, 0.5882, 0.7059
CMYK	0.00, 0.20, 0.43, 0.49
HSL	32°, 27%, 40%
HSV	32°, 43%, 51%
XYZ	15.6816, 15.4364, 8.8096
YIQ	109.3540, 25.1260, -3.8180

# Conversions

## Conversions Part 2

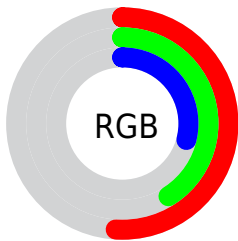
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 131, 75
Decimal	8612171
CIELab	46.23, 6.02, 20.78
CIElCh	46, 21.638, 73.854
Yxy	15.4364, 0.3928, 0.3866
Android (android.graphics.Color)	4286802251 (0xFF83694B)
YUV	109.3540, -16.9365, 18.9835
Hunter-Lab	39.2892, 2.4891, 14.2082

# Details

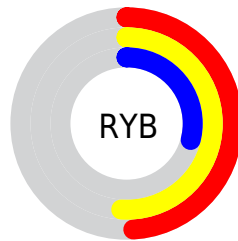
The Hex color **83694B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B6583**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B99C7C**, and **503A1E** is the 20% darker color. If you saturate the color by 10%, you get **83633E**, and if you desaturate by 10%, it is **836F58**.

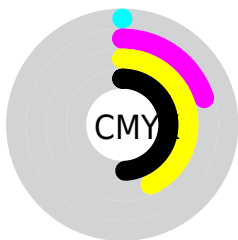
# Distribution



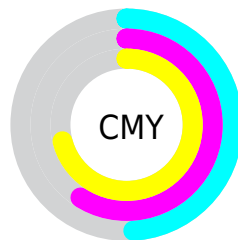
- Red (51%)
- Green (41%)
- Blue (29%)



- Red (49%)
- Yellow (51%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (49%)



- Cyan (49%)
- Magenta (59%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83694B 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 83694B by changing the saturation by 10% instead.





83694B



83694B

FFFFFF



695134



B99C7C



503A1E



D5B796



382407



F2D3B1



211000



FFEFCC



000000



FFFFE9



83694B



83694B



83633E



836F58



835D31



837565

■ 835724

■ 837B72

■ 835117

■ 83817F

■ 834B09

■ 83878C

■ 834600

■ 838D9A

■ 8394A7

■ 839AB4

■ 83A0C1

# Harmonies

## Analogous

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



8F6355



83694B



726F4A

# Triad

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



83694B



377876



7B6688

# Complementary

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



83694B



4B6583

# 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.



626C90



83694B



357686

# Square

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



83694B



487763



487290



8B6178

# Rectangle

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



83694B



64724F



487290



73688C



# Sweetspot

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



83694B



ABA195



834B65



575049



D6D6D6



575757



# Same Dimension

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



83694B



AB8254



81834B



423F3C



824600



030100



# Inverse Universe

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



4B6583



547CAB



4D4B83



3C3F42



003C82

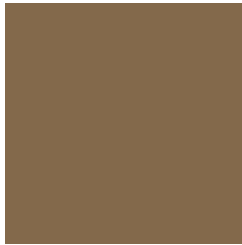


000103



# Previews

## White Background



This preview shows how the Hex color 83694B looks on a white background.

## Color Contrast Check

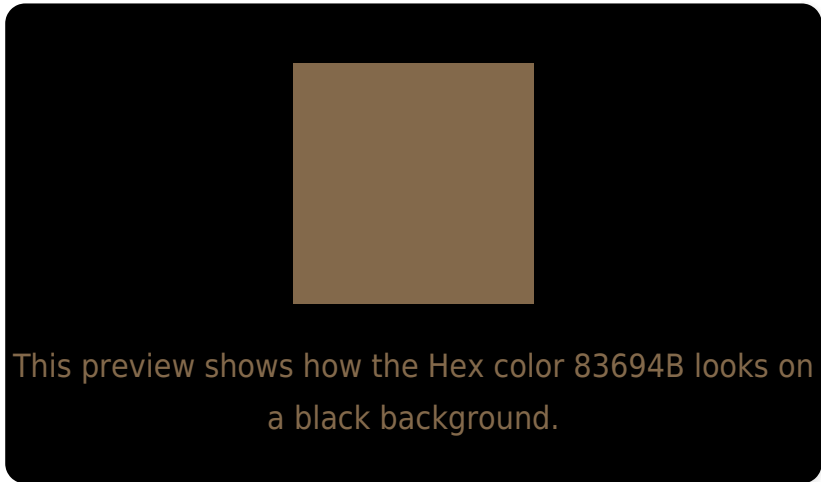
Large Text (above 18pt) WCAG AA ✓ Pass

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

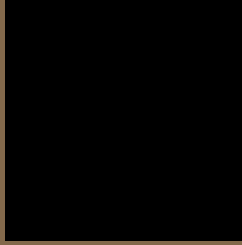
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 83694B Background



This preview shows how black text looks on a background with the Hex color 83694B.



This preview shows how white text looks on a background with the Hex color 83694B.

# 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**  
83694B

**Protanopia**  
766E4D

**Deuteranopia**  
83694B



**Tritanopia**  
86656C

# Trichromacy



**Original Color**  
83694B

**Protanomaly**  
7B6C4C

**Deuteranomaly**  
83694B

**Tritanomaly**  
856660

# Monochromacy



**Original Color**  
83694B

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
756C61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83694B 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 #83694B looks like.

```
.text, #text, p{  
    color:#83694B  
}
```

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 #83694B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83694B
}
```

## Border

The CSS property to change the border of an element to Hex 83694B is called "border". The border property can be set on classes, ids or directly on the HTML element.

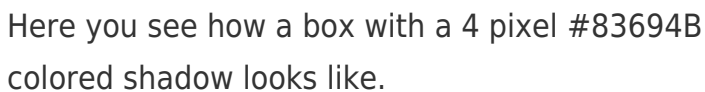
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83694B }
```

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

```
.border{ border-color:#83694B }
```

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



Here you see how a box with a 4 pixel #83694B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83694B; -webkit-box-shadow:4px 4px  
4px 4px #83694B; box-shadow:4px 4px 4px  
4px #83694B }
```

# Background

The CSS property to change the background color of an element to Hex 83694B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83694B }
```

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

```
.background{ background-color:#83694B }
```

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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