

# Converting Colors

Hex(8B683E)

Have a look what the booklet for  
Hex(8B683E) contains.

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**Color**

**Hex(8B683E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B683E
RGB	139, 104, 62
RGB Percent	55%, 41%, 24%
CMY	0.4549, 0.5922, 0.7569
CMYK	0.00, 0.25, 0.55, 0.45
HSL	33°, 38%, 39%
HSV	33°, 55%, 55%
XYZ	16.4673, 15.7374, 6.7271
YIQ	109.6770, 34.3420, -5.6420

# Conversions

## Conversions Part 2

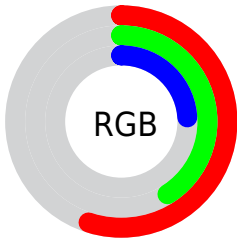
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 139, 62
Decimal	9136190
CIELab	46.63, 8.79, 28.91
CIElCh	47, 30.221, 73.090
Yxy	15.7374, 0.4230, 0.4042
Android (android.graphics.Color)	4287326270 (0xFF8B683E)
YUV	109.6770, -23.5048, 25.7163
Hunter-Lab	39.6704, 4.6726, 17.7151

# Details

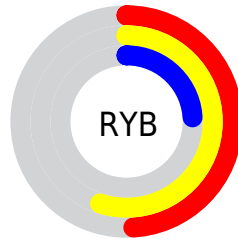
The Hex color **8B683E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3E618B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **C39B6F**, and **563911** is the 20% darker color. If you saturate the color by 10%, you get **8B6230**, and if you desaturate by 10%, it is **8B6E4C**.

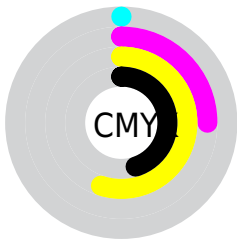
# Distribution



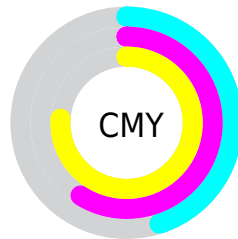
- Red (55%)
- Green (41%)
- Blue (24%)



- Red (49%)
- Yellow (55%)
- Blue (24%)



- Cyan (0%)
- Magenta (25%)
- Yellow (55%)
- Black (45%)



- Cyan (45%)
- Magenta (59%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B683E 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 8B683E by changing the saturation by 10% instead.





8B683E



8B683E

FFFFFF



705027



C39B6F



563911



DFB688



3E2300



FDD1A3



250F00



FFEEBE



000000



FFFFDA



FFFFF6



8B683E



8B683E



8B6230



8B6E4C

■ 8B5B22

■ 8B755A

■ 8B5514

■ 8B7B68

■ 8B4F06

■ 8B8176

■ 8B4C00

■ 8B8884

■ 8B8E91

■ 8B949F

■ 8B9BAD

■ 8BA1BB

# Harmonies

## Analogous

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



9B5F4D



8B683E



74713C

# Triad

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



8B683E



007C79



7F6494

# Complementary

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



8B683E



3E618B

# 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.



5B6DA0



8B683E



007A90

# Square

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



8B683E



367B5F



2A759F



975C7E

# Rectangle

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



8B683E



627543



2A759F



756799



# Sweetspot

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



8B683E



B5A796



8B3E62



5C5349



DBDBDB



5C5C5C



# Same Dimension

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



8B683E



B57F3E



888B3E



45423E



854800



050300



# Inverse Universe

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



3E618B



3E74B5



413E8B



3E4145



003C85



000205



# Previews

## White Background



This preview shows how the Hex color 8B683E looks on a white background.

## Color Contrast Check

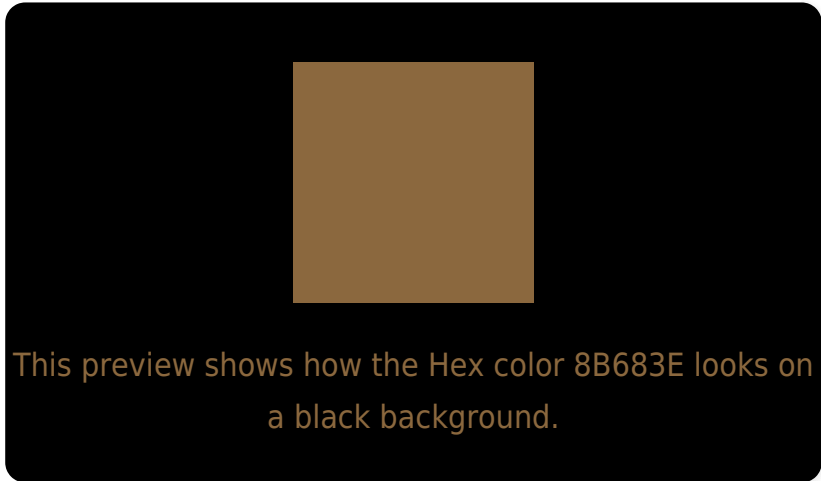
Large Text (above 18pt) WCAG AA ✓ Pass

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

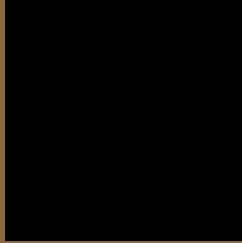
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B683E Background



This preview shows how black text looks on a background with the Hex color 8B683E.



This preview shows how white text looks on a background with the Hex color 8B683E.

# 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**  
8B683E

**Protanopia**  
796F40

**Deuteranopia**  
876A3E



**Tritanopia**  
8F636A

# Trichromacy



**Original Color**  
8B683E

**Protanomaly**  
806C3F

**Deuteranomaly**  
88693E

**Tritanomaly**  
8E655A

# Monochromacy



**Original Color**  
8B683E

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
796C5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B683E 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 #8B683E looks like.

```
.text, #text, p{  
    color:#8B683E  
}
```

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 #8B683E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B683E
}
```

## Border

The CSS property to change the border of an element to Hex 8B683E is called "border". The border property can be set on classes, ids or directly on the HTML element.

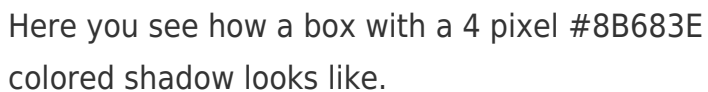
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B683E }
```

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

```
.border{ border-color:#8B683E }
```

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



Here you see how a box with a 4 pixel #8B683E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B683E; -webkit-box-shadow:4px 4px  
4px 4px #8B683E; box-shadow:4px 4px 4px  
4px #8B683E }
```

# Background

The CSS property to change the background color of an element to Hex 8B683E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B683E }
```

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

```
.background{ background-color:#8B683E }
```

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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