

# Converting Colors

Hex(8B683A)

Have a look what the booklet for  
Hex(8B683A) contains.

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**Color**

**Hex(8B683A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B683A
RGB	139, 104, 58
RGB Percent	55%, 41%, 23%
CMY	0.4549, 0.5922, 0.7725
CMYK	0.00, 0.25, 0.58, 0.45
HSL	34°, 41%, 39%
HSV	34°, 58%, 55%
XYZ	16.3615, 15.6951, 6.1701
YIQ	109.2210, 35.6260, -6.8860

# Conversions

## Conversions Part 2

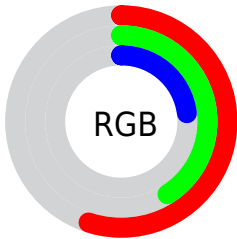
Format	Color
<b>R<sub>YB</sub></b>	120, 139, 58
Decimal	9136186
CIE Lab	46.57, 8.43, 31.06
CIE LCh	47, 32.187, 74.809
Yxy	15.6951, 0.4280, 0.4106
Android (android.graphics.Color)	4287326266 (0xFF8B683A)
YUV	109.2210, -25.2520, 26.1162
Hunter-Lab	39.6170, 4.3892, 18.4979

# Details

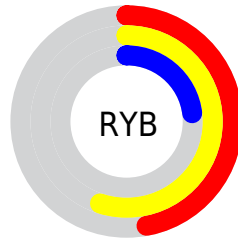
The Hex color **8B683A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3A5D8B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C39B6A**, and **56390C** is the 20% darker color. If you saturate the color by 10%, you get **8B622C**, and if you desaturate by 10%, it is **8B6E48**.

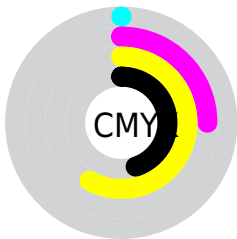
# Distribution



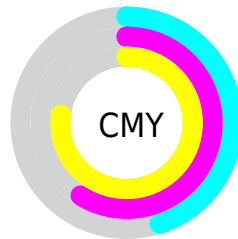
- Red (55%)
- Green (41%)
- Blue (23%)



- Red (47%)
- Yellow (55%)
- Blue (23%)



- Cyan (0%)
- Magenta (25%)
- Yellow (58%)
- Black (45%)



- Cyan (45%)
- Magenta (59%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B683A 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 8B683A by changing the saturation by 10% instead.





8B683A



8B683A

FFFFFF



705023



C39B6A



56390C



DFB684



3D2400



FDD19E



240F00



FFEEB9



000000



FFFFD5



FFFFF2



8B683A



8B683A



8B622C



8B6E48

 8B5C1E

 8B7456

 8B5610

 8B7A64

 8B5002

 8B8072

 8B4F00

 8B867F

 8B8C8D

 8B929B

 8B98A9

 8B9EB7

# Harmonies

## Analogous

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



9C5F4A



8B683A



727139

# Triad

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



8B683A



007C7B



826295

# Complementary

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



8B683A



3A5D8B

# 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.



5B6CA2



8B683A



007A94

# Square

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



8B683A



2E7C5F



2275A2



9A5A7D

# Rectangle

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



8B683A



5F7641



2275A2



77669B



# Sweetspot

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



8B683A



B5A896



8B3A5D



5C5449



DBDBDB



5C5C5C



# Same Dimension

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



8B683A



B57E36



868B3A



45423E



854B00



050300



# Inverse Universe

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



3A5D8B



366DB5



3F3A8B



3E4145



003985

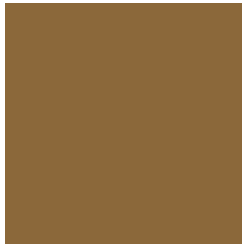


000205



# Previews

## White Background



This preview shows how the Hex color 8B683A looks on a white background.

## Color Contrast Check

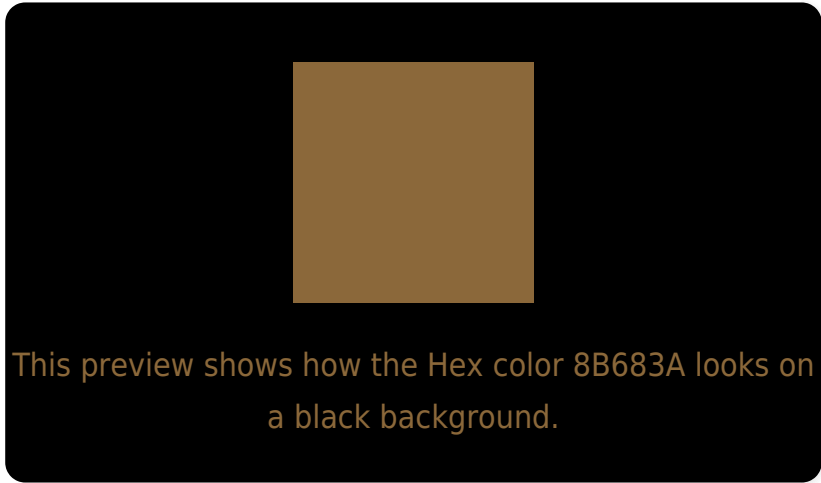
Large Text (above 18pt) WCAG AA ✓ Pass

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

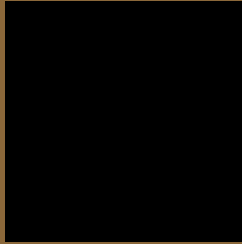
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B683A Background



This preview shows how black text looks on a background with the Hex color 8B683A.



This preview shows how white text looks on a background with the Hex color 8B683A.

# 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**  
8B683A

**Protanopia**  
7A6F3C

**Deuteranopia**  
88693A



**Tritanopia**  
8F626A

# Trichromacy



**Original Color**  
8B683A

**Protanomaly**  
806C3B

**Deuteranomaly**  
89693A

**Tritanomaly**  
8E6459

# Monochromacy



**Original Color**  
8B683A

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
786B5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B683A 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 #8B683A looks like.

```
.text, #text, p{  
    color:#8B683A  
}
```

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 #8B683A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B683A
}
```

## Border

The CSS property to change the border of an element to Hex 8B683A 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
#8B683A }
```

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

```
.border{ border-color:#8B683A }
```

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

Here you see how a box with a 4 pixel #8B683A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B683A; -webkit-box-shadow:4px 4px  
4px 4px #8B683A; box-shadow:4px 4px 4px  
4px #8B683A }
```

# Background

The CSS property to change the background color of an element to Hex 8B683A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B683A }
```

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

```
.background{ background-color:#8B683A }
```

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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