

Converting Colors

Hex(8B6834)

Have a look what the booklet for
Hex(8B6834) contains.

Hex(8B6834)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8B6834)

Conversions

Conversions Part 1

Format	Color
Hex	8B6834
RGB	139, 104, 52
RGB Percent	55%, 41%, 20%
CMY	0.4549, 0.5922, 0.7961
CMYK	0.00, 0.25, 0.63, 0.45
HSL	36°, 46%, 37%
HSV	36°, 63%, 55%
XYZ	16.2176, 15.6375, 5.4124
YIQ	108.5370, 37.5520, -8.7520

Conversions

Conversions Part 2

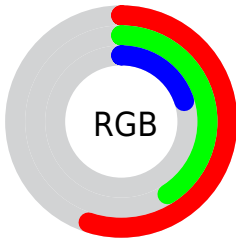
Format	Color
RYB	111, 139, 52
Decimal	9136180
CIELab	46.50, 7.95, 34.21
CIElCh	46, 35.124, 76.924
Yxy	15.6375, 0.4352, 0.4196
Android (android.graphics.Color)	4287326260 (0xFF8B6834)
YUV	108.5370, -27.8727, 26.7161
Hunter-Lab	39.5443, 4.0025, 19.5661

Details

The Hex color **8B6834** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **34578B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C39B64**, and **563905** is the 20% darker color. If you saturate the color by 10%, you get **8B6226**, and if you desaturate by 10%, it is **8B6E42**.

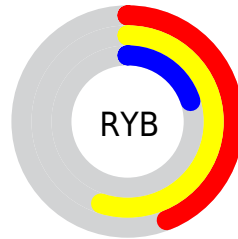
Distribution



Red (55%)

Green (41%)

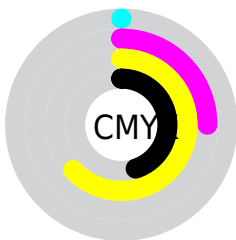
Blue (20%)



Red (44%)

Yellow (55%)

Blue (20%)

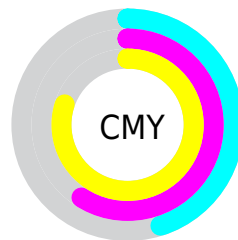


Cyan (0%)

Magenta (25%)

Yellow (63%)

Black (45%)



Cyan (45%)

Magenta (59%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B6834 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 8B6834 by changing the saturation by 10% instead.



8B6834



8B6834

FFFFFF



70501D



C39B64



563905



E0B67E



3D2400



FDD198



241000



FFEEB3



000000



FFFFCF



FFFFEB



8B6834



8B6834



8B6226



8B6E42

 8B5D18

 8B7350

 8B570A

 8B795E

 8B5300

 8B7E6C

 8B847A

 8B8A87

 8B8F95

 8B95A3

 8B9AB1

Harmonies

Analogous

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



9E5D44



8B6834



707234

Triad

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



8B6834



007D7E



866097

Complementary

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



8B6834



34578B

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.



5C6BA6



8B6834



007B98

Square

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



8B6834



1D7C60



1175A7



9E577C

Rectangle

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



8B6834



5A773D



1175A7



7A649D

Sweetspot

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



8B6834



B5A793



8B3458



5C5347



DBDBDB



5C5C5C

Same Dimension

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



8B6834



B57E2D



848B34



45423E



854F00



050300

Inverse Universe

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



34578B



2D64B5



3B348B



3E4145



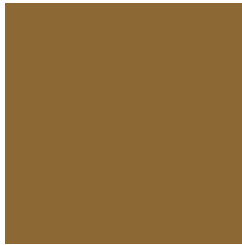
003585



000205

Previews

White Background



This preview shows how the Hex color 8B6834 looks on a white background.

Color Contrast Check

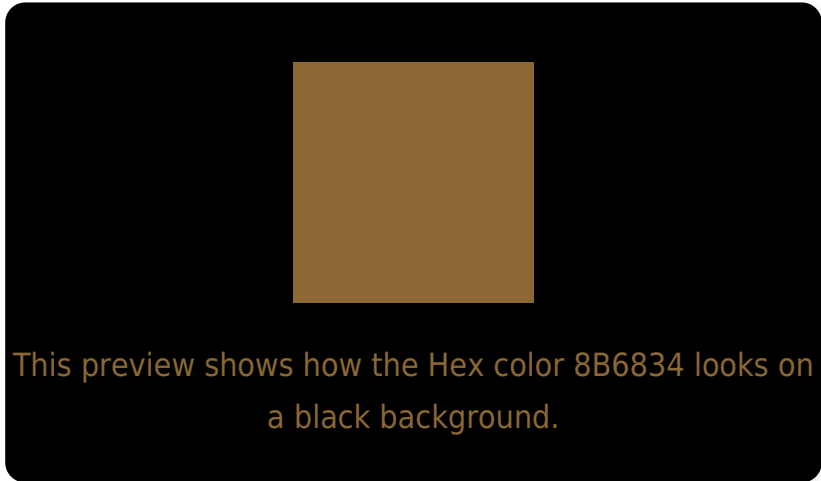
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B6834 Background



This preview shows how black text looks on a background with the Hex color 8B6834.



This preview shows how white text looks on a background with the Hex color 8B6834.

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
8B6834

Protanopia
7A6F36

Deuteranopia
886934



Tritanopia
8F626A

Trichromacy



Original Color
8B6834

Protanomaly
806C35

Deuteranomaly
896934

Tritanomaly
8E6456

Monochromacy



Original Color
8B6834

Achromatopsia
6D6D6D

Achromatomaly
786B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B6834 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 #8B6834 looks like.

```
.text, #text, p{  
    color:#8B6834  
}
```

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 #8B6834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B6834
}
```

Border

The CSS property to change the border of an element to Hex 8B6834 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
#8B6834 }
```

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

```
.border{ border-color:#8B6834 }
```

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

Here you see how a box with a 4 pixel #8B6834 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B6834; -webkit-box-shadow:4px 4px  
4px 4px #8B6834; box-shadow:4px 4px 4px  
4px #8B6834 }
```

Background

The CSS property to change the background color of an element to Hex 8B6834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B6834 }
```

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

```
.background{ background-color:#8B6834 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor