

# Converting Colors

Hex(8B440C)

Have a look what the booklet for  
Hex(8B440C) contains.

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**Color**

**Hex(8B440C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B440C
RGB	139, 68, 12
RGB Percent	55%, 27%, 5%
CMY	0.4549, 0.7333, 0.9529
CMYK	0.00, 0.51, 0.91, 0.45
HSL	26°, 84%, 30%
HSV	26°, 91%, 55%
XYZ	12.7809, 9.6498, 1.5368
YIQ	82.8450, 60.2920, -2.3640

# Conversions

## Conversions Part 2

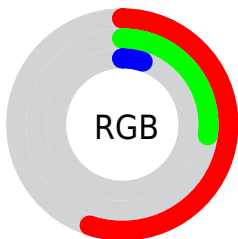
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 112, 12
Decimal	9126924
CIE Lab	37.21, 26.82, 43.40
CIE LCh	37, 51.021, 58.284
Yxy	9.6498, 0.5333, 0.4026
Android (android.graphics.Color)	4287317004 (0xFF8B440C)
YUV	82.8450, -34.9266, 49.2479
Hunter-Lab	31.0641, 19.0796, 18.8117

# Details

The Hex color **8B440C** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0C538B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **C6753E**, and **521600** is the 20% darker color. If you saturate the color by 10%, you get **8B3D00**, and if you desaturate by 10%, it is **8B4C1A**.

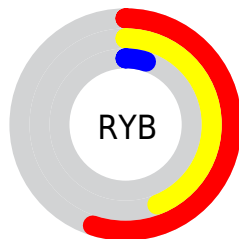
# Distribution



Red (55%)

Green (27%)

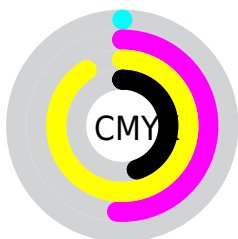
Blue (5%)



Red (55%)

Yellow (44%)

Blue (5%)

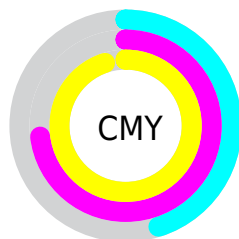


Cyan (0%)

Magenta (51%)

Yellow (91%)

Black (45%)



Cyan (45%)

Magenta (73%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B440C 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 8B440C by changing the saturation by 10% instead.



 8B440C

 8B440C

 FFFFF8

 6F2D00

 C6753E

 521600

 E48F56

 370000

 FFAA6F

 1C0001

 FFC689

 000000

 FFE2A4

 FFFFBF

 FFFFDC

 8B440C

 8B440C

■ 8B3D00

■ 8B4C1A

■ 8B5428

■ 8B5B36

■ 8B6344

■ 8B6B52

■ 8B735F

■ 8B7A6D

■ 8B827B

■ 8B8A89

# Harmonies

## Analogous

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



9D3133



8B440C



6C5500

# Triad

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



8B440C



006A54



504EA1

# Complementary

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



8B440C



0C538B

# 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.



005DAA



8B440C



006A7E

# Square

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



8B440C



006729



00669D



863983

# Rectangle

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



8B440C



525D00



00669D



2F54A6



# Sweetspot

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



8B440C



B59A84



8B0C54



5C4B3E



DBDBDB



5C5C5C



# Same Dimension

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



8B440C



B55000



8B830C



45413E



853A00



050200



# Inverse Universe

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



0C538B



0065B5



0C148B



3E4245



004A85



000305



# Previews

## White Background



This preview shows how the Hex color 8B440C looks on a white background.

## Color Contrast Check

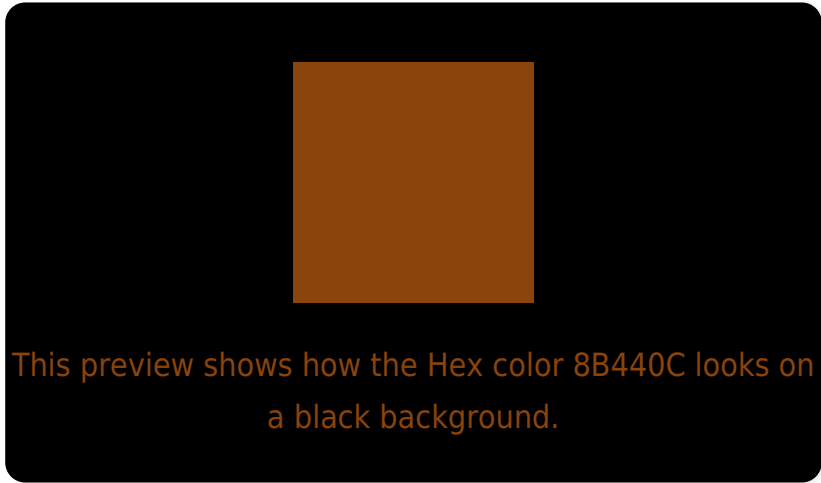
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B440C Background



This preview shows how black text looks on a background with the Hex color 8B440C.



This preview shows how white text looks on a background with the Hex color 8B440C.

# 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**  
8B440C

**Protanopia**  
635912

**Deuteranopia**  
705400



**Tritanopia**  
8D3F44

# Trichromacy



**Original Color**  
8B440C

**Protanomaly**  
725110

**Deuteranomaly**  
7A4E04

**Tritanomaly**  
8C4130

# Monochromacy



**Original Color**  
8B440C

**Achromatopsia**  
535353

**Achromatomaly**  
674E39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B440C 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 #8B440C looks like.

```
.text, #text, p{  
    color:#8B440C  
}
```

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 #8B440C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B440C
}
```

## Border

The CSS property to change the border of an element to Hex 8B440C is called "border". The border property can be set on classes, ids or directly on the HTML element.

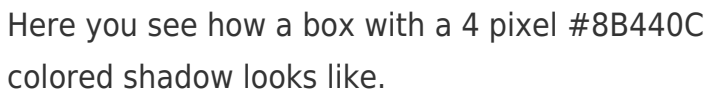
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B440C }
```

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

```
.border{ border-color:#8B440C }
```

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



Here you see how a box with a 4 pixel #8B440C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B440C; -webkit-box-shadow:4px 4px  
4px 4px #8B440C; box-shadow:4px 4px 4px  
4px #8B440C }
```

# Background

The CSS property to change the background color of an element to Hex 8B440C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B440C }
```

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

```
.background{ background-color:#8B440C }
```

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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