

# Converting Colors

Hex(8B3C18)

Have a look what the booklet for  
Hex(8B3C18) contains.

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**Color**

**Hex(8B3C18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B3C18
RGB	139, 60, 24
RGB Percent	55%, 24%, 9%
CMY	0.4549, 0.7647, 0.9059
CMYK	0.00, 0.57, 0.83, 0.45
HSL	19°, 71%, 32%
HSV	19°, 83%, 55%
XYZ	12.4282, 8.7866, 1.9051
YIQ	79.5170, 58.6400, 5.5520

# Conversions

## Conversions Part 2

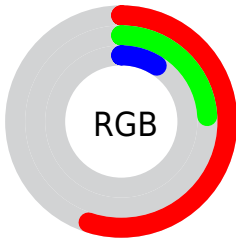
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 76, 24
Decimal	9124888
CIE Lab	35.57, 31.50, 36.99
CIE LCh	36, 48.584, 49.588
Yxy	8.7866, 0.5376, 0.3800
Android (android.graphics.Color)	4287314968 (0xFF8B3C18)
YUV	79.5170, -27.3699, 52.1666
Hunter-Lab	29.6423, 22.9662, 16.9390

# Details

The Hex color **8B3C18** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **18678B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **C66E46**, and **520A00** is the 20% darker color. If you saturate the color by 10%, you get **8B320A**, and if you desaturate by 10%, it is **8B4626**.

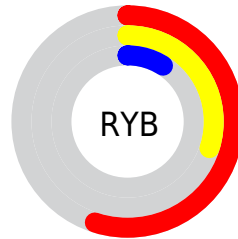
# Distribution



Red (55%)

Green (24%)

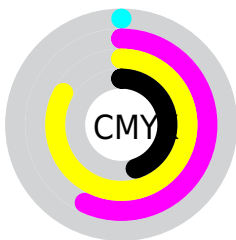
Blue (9%)



Red (55%)

Yellow (30%)

Blue (9%)

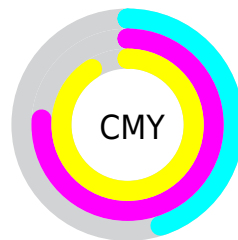


Cyan (0%)

Magenta (57%)

Yellow (83%)

Black (45%)



Cyan (45%)

Magenta (76%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B3C18 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 8B3C18 by changing the saturation by 10% instead.





8B3C18



8B3C18

FFFFFF



6E2400



C66E46



520A00



E4885E



370000



FFA278



190001



FFBE92



000000



FFDAAC



FFF6C8



FFFFE4



8B3C18



8B3C18

■ 8B320A

■ 8B4626

■ 8B2C00

■ 8B4F34

■ 8B5942

■ 8B6250

■ 8B6C5E

■ 8B756B

■ 8B7F79

■ 8B8887

■ 8B9295

# Harmonies

## Analogous

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



982C3C



8B3C18



714D00

# Triad

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



8B3C18



006444



344F9D

# Complementary

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



8B3C18



18678B

# 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.



005CA0



8B3C18



00656D

# Square

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



8B3C18



17611D



00638E



743D87

# Rectangle

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



8B3C18



5A5600



00638E



0054A1



# Sweetspot

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



8B3C18



B59688



8B1869



5C4940



DBDBDB



5C5C5C



# Same Dimension

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



8B3C18



B53A02



8B7418



45403E



852A00



050200



# Inverse Universe

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



18678B



027DB5



182F8B



3E4345



005B85



000405



# Previews

## White Background



This preview shows how the Hex color 8B3C18 looks on a white background.

## Color Contrast Check

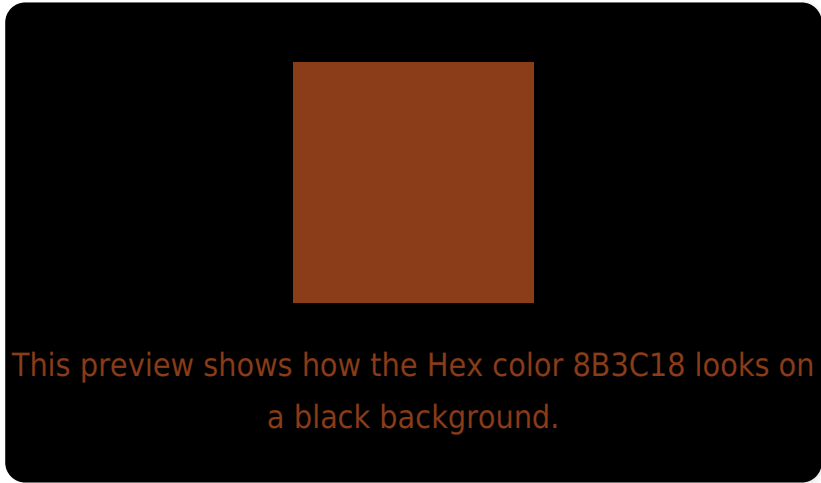
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B3C18 Background



This preview shows how black text looks on a background with the Hex color 8B3C18.



This preview shows how white text looks on a background with the Hex color 8B3C18.

# 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**  
8B3C18

**Protanopia**  
5E551E

**Deuteranopia**  
6B5010



**Tritanopia**  
8C383C

# Trichromacy



**Original Color**  
8B3C18

**Protanomaly**  
6E4C1C

**Deuteranomaly**  
774913

**Tritanomaly**  
8C392F

# Monochromacy



**Original Color**  
8B3C18

**Achromatopsia**  
505050

**Achromatomaly**  
65493C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B3C18 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 #8B3C18 looks like.

```
.text, #text, p{  
    color:#8B3C18  
}
```

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 #8B3C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B3C18
}
```

## Border

The CSS property to change the border of an element to Hex 8B3C18 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
#8B3C18 }
```

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

```
.border{ border-color:#8B3C18 }
```

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

Here you see how a box with a 4 pixel #8B3C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B3C18; -webkit-box-shadow:4px 4px  
4px 4px #8B3C18; box-shadow:4px 4px 4px  
4px #8B3C18 }
```

# Background

The CSS property to change the background color of an element to Hex 8B3C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B3C18 }
```

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

```
.background{ background-color:#8B3C18 }
```

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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