

# Converting Colors

Hex(8B4137)

Have a look what the booklet for  
Hex(8B4137) contains.

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**Color**

**Hex(8B4137)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B4137
RGB	139, 65, 55
RGB Percent	55%, 25%, 22%
CMY	0.4549, 0.7451, 0.7843
CMYK	0.00, 0.53, 0.60, 0.45
HSL	7°, 43%, 38%
HSV	7°, 60%, 55%
XYZ	13.2273, 9.5454, 4.7597
YIQ	85.9860, 47.3140, 12.5780

# Conversions

## Conversions Part 2

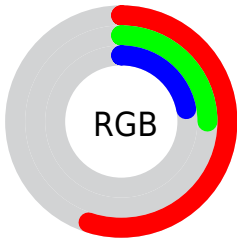
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 66, 55
Decimal	9126199
CIE Lab	37.01, 30.60, 20.95
CIE LCh	37, 37.085, 34.396
Yxy	9.5454, 0.4804, 0.3467
Android (android.graphics.Color)	4287316279 (0xFF8B4137)
YUV	85.9860, -15.2761, 46.4933
Hunter-Lab	30.8956, 22.3539, 12.4928

# Details

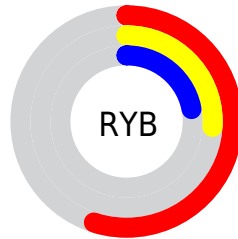
The Hex color **8B4137** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **37818B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **C47366**, and **54110C** is the 20% darker color. If you saturate the color by 10%, you get **8B3529**, and if you desaturate by 10%, it is **8B4D45**.

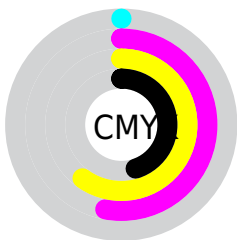
# Distribution



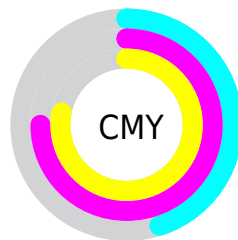
- Red (55%)
- Green (25%)
- Blue (22%)



- Red (55%)
- Yellow (26%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (60%)
- Black (45%)



- Cyan (45%)
- Magenta (75%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B4137 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 8B4137 by changing the saturation by 10% instead.





8B4137



8B4137

FFFFFF



6F2921



C47366



54110C



E28D7F



3A0000



FFA899



1F0001



FFC3B4



000000



FFE0CF



FFFCEC



8B4137



8B4137



8B3529



8B4D45

■ 8B291B

■ 8B5953

■ 8B1C0D

■ 8B6661

■ 8B1100

■ 8B726F

■ 8B7E7D

■ 8B8A8A

■ 8B9798

■ 8BA3A6

■ 8BAFB4

# Harmonies

## Analogous

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



8D3C54



8B4137



7C4C20

# Triad

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



8B4137



14643C



205993

# Complementary

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



8B4137



37818B

# 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.



00618D



8B4137



00665B

# Square

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



8B4137



445F23



006578



5E4D89

# Rectangle

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



8B4137



6C5418



006578



005C92



# Sweetspot

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



8B4137



B59894



8B3781



5C4A48



DBDBDB



5C5C5C



# Same Dimension

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



8B4137



B54131



8B6B37



453F3E



851000



050100



# Inverse Universe

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



37818B



31A5B5



37578B



3E4445



007585



000405



# Previews

## White Background



This preview shows how the Hex color 8B4137 looks on a white background.

## Color Contrast Check

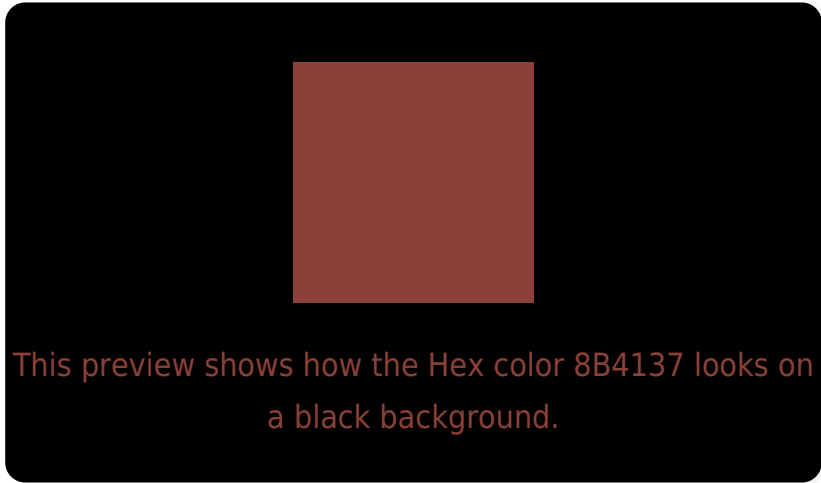
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B4137 Background



This preview shows how black text looks on a background with the Hex color 8B4137.

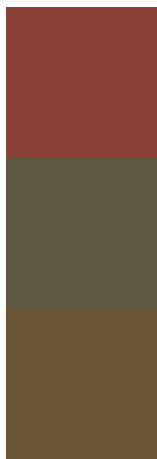


This preview shows how white text looks on a background with the Hex color 8B4137.

# 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**  
8B4137

**Protanopia**  
5E5840

**Deuteranopia**  
6B5434



**Tritanopia**  
8C3F44

# Trichromacy



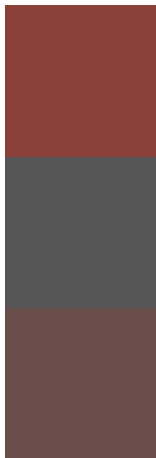
**Original Color**  
8B4137

**Protanomaly**  
6E503D

**Deuteranomaly**  
774D35

**Tritanomaly**  
8C403F

# Monochromacy



**Original Color**  
8B4137

**Achromatopsia**  
565656

**Achromatomaly**  
694E4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B4137 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 #8B4137 looks like.

```
.text, #text, p{  
    color:#8B4137  
}
```

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 #8B4137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B4137
}
```

## Border

The CSS property to change the border of an element to Hex 8B4137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

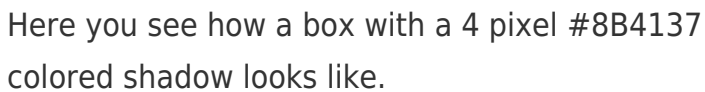
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B4137 }
```

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

```
.border{ border-color:#8B4137 }
```

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



Here you see how a box with a 4 pixel #8B4137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B4137; -webkit-box-shadow:4px 4px  
4px 4px #8B4137; box-shadow:4px 4px 4px  
4px #8B4137 }
```

# Background

The CSS property to change the background color of an element to Hex 8B4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B4137 }
```

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

```
.background{ background-color:#8B4137 }
```

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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