

# Converting Colors

Hex(8B3539)

Have a look what the booklet for  
Hex(8B3539) contains.

<b>Hex(8B3539)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8B3539)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B3539
RGB	139, 53, 57
RGB Percent	55%, 21%, 22%
CMY	0.4549, 0.7922, 0.7765
CMYK	0.00, 0.62, 0.59, 0.45
HSL	357°, 45%, 38%
HSV	357°, 62%, 55%
XYZ	12.6591, 8.3306, 4.8117
YIQ	79.1700, 49.9720, 19.4760

# Conversions

## Conversions Part 2

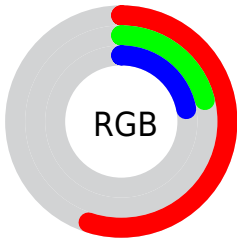
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 53, 57
Decimal	9123129
CIE Lab	34.66, 36.97, 16.64
CIE LCh	35, 40.544, 24.230
Yxy	8.3306, 0.4906, 0.3229
Android (android.graphics.Color)	4287313209 (0xFF8B3539)
YUV	79.1700, -10.9298, 52.4709
Hunter-Lab	28.8627, 27.7796, 10.3198

# Details

The Hex color **8B3539** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **358B87**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **C56868**, and **54000F** is the 20% darker color. If you saturate the color by 10%, you get **8B272C**, and if you desaturate by 10%, it is **8B4346**.

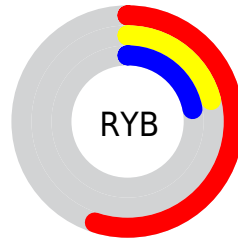
# Distribution



Red (55%)

Green (21%)

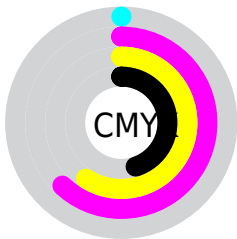
Blue (22%)



Red (55%)

Yellow (21%)

Blue (22%)

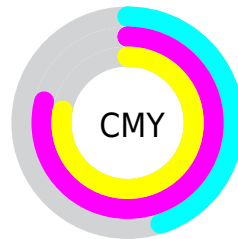


Cyan (0%)

Magenta (62%)

Yellow (59%)

Black (45%)



Cyan (45%)

Magenta (79%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B3539 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 8B3539 by changing the saturation by 10% instead.



 8B3539

 8B3539

FFFFFF

 6F1B24

 C56868

 54000F

 E28281

 390000

 FF9C9B

 1B0001

 FFB8B6

 000000

 FFD4D1

 FFF1EE

 8B3539

 8B3539

 8B272C

 8B4346

 8B191E

 8B5154

 8B0B11

 8B5F61

 8B0006

 8B6D6E

 8B7B7B

 8B8889

 8B9696

 8BA4A3

 8BB2B0

# Harmonies

## Analogous

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



883359



8B3539



7F411D

# Triad

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



8B3539



1C5E2A



005792

# Complementary

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



8B3539



358B87

# 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.



005E85



8B3539



00604A

# Square

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



8B3539



48580F



00616B



464C8D

# Rectangle

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



8B3539



704A0E



00616B



005A90



# Sweetspot

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



8B3539



B59394



87358B



5C4748



DBDBDB



5C5C5C



# Same Dimension

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



8B3539



B52F35



8B5C35



453E3E



850006



050000



# Inverse Universe

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



8B3539



B52F35



35648B



453E3E



850006



050000



# Previews

## White Background



This preview shows how the Hex color 8B3539 looks on a white background.

## Color Contrast Check

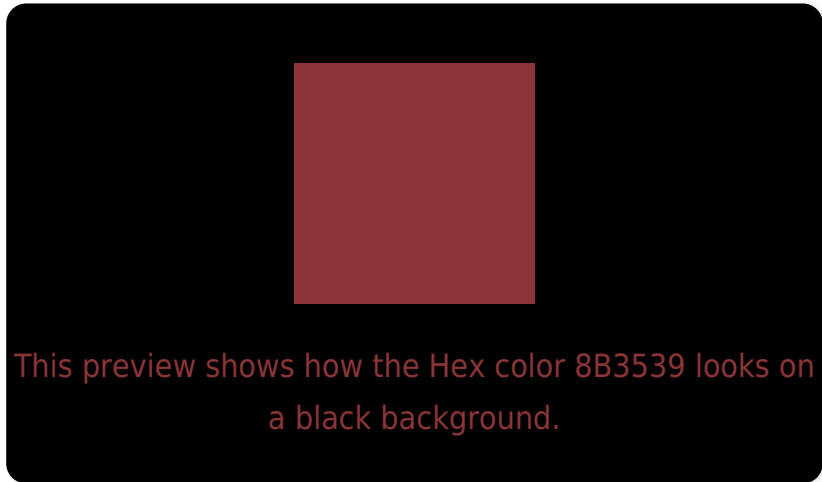
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B3539 Background



This preview shows how black text looks on a background with the Hex color 8B3539.

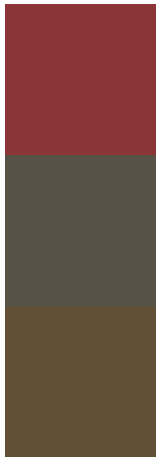


This preview shows how white text looks on a background with the Hex color 8B3539.

# 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**  
8B3539

**Protanopia**  
575246

**Deuteranopia**  
634F35



**Tritanopia**  
8B3538

# Trichromacy



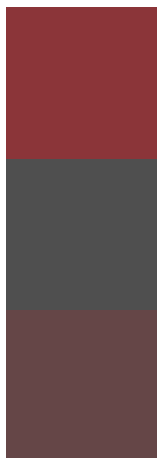
**Original Color**  
8B3539

**Protanomaly**  
6A4741

**Deuteranomaly**  
724636

**Tritanomaly**  
8B3538

# Monochromacy



**Original Color**  
8B3539

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
654647

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B3539 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 #8B3539 looks like.

```
.text, #text, p{  
    color:#8B3539  
}
```

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 #8B3539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B3539
}
```

## Border

The CSS property to change the border of an element to Hex 8B3539 is called "border". The border property can be set on classes, ids or directly on the HTML element.

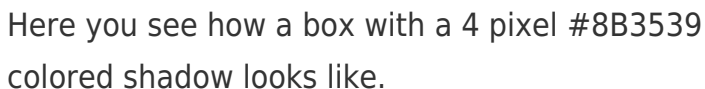
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B3539 }
```

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

```
.border{ border-color:#8B3539 }
```

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



Here you see how a box with a 4 pixel #8B3539 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B3539; -webkit-box-shadow:4px 4px  
4px 4px #8B3539; box-shadow:4px 4px 4px  
4px #8B3539 }
```

# Background

The CSS property to change the background color of an element to Hex 8B3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B3539 }
```

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

```
.background{ background-color:#8B3539 }
```

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