

# Converting Colors

Hex(8A3B36)

Have a look what the booklet for  
Hex(8A3B36) contains.

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# Color

**Hex(8A3B36)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A3B36
RGB	138, 59, 54
RGB Percent	54%, 23%, 21%
CMY	0.4588, 0.7686, 0.7882
CMYK	0.00, 0.57, 0.61, 0.46
HSL	4°, 44%, 38%
HSV	4°, 61%, 54%
XYZ	12.7111, 8.7975, 4.5182
YIQ	82.0510, 48.6890, 15.1930

# Conversions

## Conversions Part 2

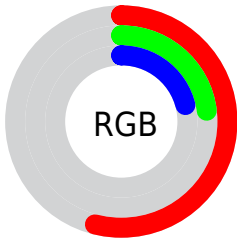
Format	Color
<b>R<sub>YB</sub></b>	138, 59, 54
Decimal	9059126
CIE Lab	35.59, 33.32, 19.71
CIE LCh	36, 38.709, 30.609
Yxy	8.7975, 0.4884, 0.3380
Android (android.graphics.Color)	4287249206 (0xFF8A3B36)
YUV	82.0510, -13.8291, 49.0673
Hunter-Lab	29.6607, 24.5899, 11.7309

# Details

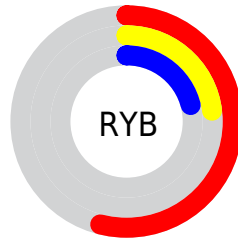
The Hex color **8A3B36** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **36858A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **C36D65**, and **53070B** is the 20% darker color. If you saturate the color by 10%, you get **8A2E28**, and if you desaturate by 10%, it is **8A4844**.

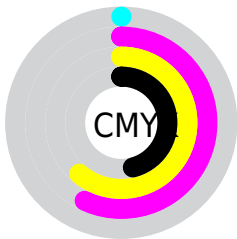
# Distribution



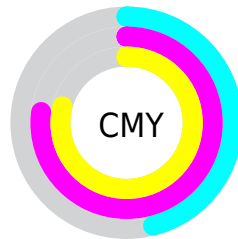
- Red (54%)
- Green (23%)
- Blue (21%)



- Red (54%)
- Yellow (23%)
- Blue (21%)



- Cyan (0%)
- Magenta (57%)
- Yellow (61%)
- Black (46%)



- Cyan (46%)
- Magenta (77%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A3B36 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 8A3B36 by changing the saturation by 10% instead.





8A3B36



8A3B36

FFFFFF



6E2321



C36D65



53070B



E1877E



380000



FFA298



1C0001



FFBDB2



000000



FFD9CE



FFF6EA



8A3B36



8A3B36



8A2E28



8A4844

 8A211A

 8A5552

 8A140D

 8A625F

 8A0800

 8A6F6D

 8A7C7B

 8A8989

 8A9697

 8AA3A4

 8AB0B2

# Harmonies

## Analogous

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



8B3754



8A3B36



7C471D

# Triad

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



8A3B36



146034



005792

# Complementary

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



8A3B36



36858A

# 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.



005F89



8A3B36



006253

# Square

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



8A3B36



445B1A



006272



554B89

# Rectangle

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



8A3B36



6C4F12



006272



005A91



# Sweetspot

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



8A3B36



B39492



8A3686



594746



D9D9D9



595959



# Same Dimension

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



8A3B36



B33830



8A6436



453E3E



850800



050000



# Inverse Universe

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



36858A



30ABB3



365C8A



3E4445



007D85



000505



# Previews

## White Background



This preview shows how the Hex color 8A3B36 looks on a white background.

## Color Contrast Check

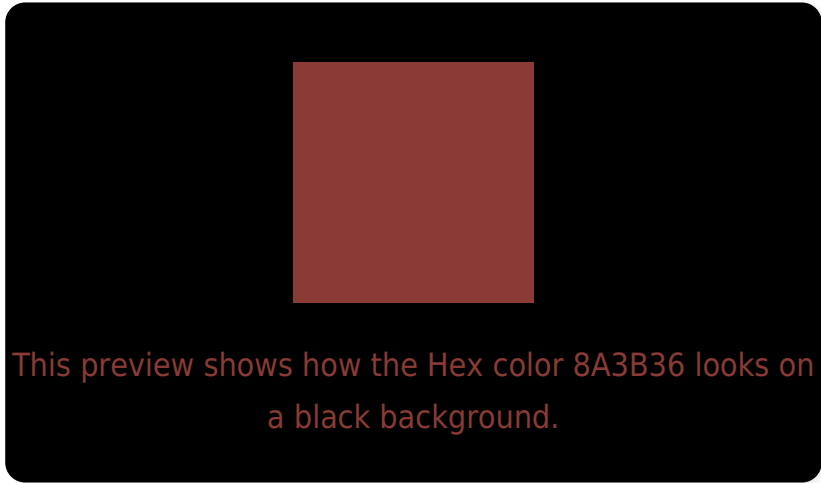
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A3B36 Background



This preview shows how black text looks on a background with the Hex color 8A3B36.

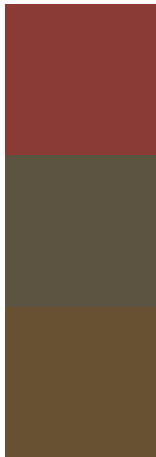


This preview shows how white text looks on a background with the Hex color 8A3B36.

# 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**  
8A3B36

**Protanopia**  
5A5440

**Deuteranopia**  
675132



**Tritanopia**  
8A3A3E

# Trichromacy



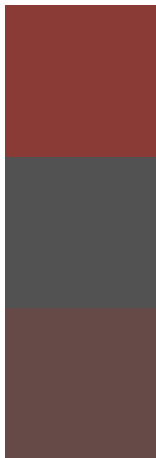
**Original Color**  
8A3B36

**Protanomaly**  
6B4B3C

**Deuteranomaly**  
744933

**Tritanomaly**  
8A3A3B

# Monochromacy



**Original Color**  
8A3B36

**Achromatopsia**  
525252

**Achromatomaly**  
664A48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A3B36 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 #8A3B36 looks like.

```
.text, #text, p{  
    color:#8A3B36  
}
```

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 #8A3B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A3B36
}
```

## Border

The CSS property to change the border of an element to Hex 8A3B36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

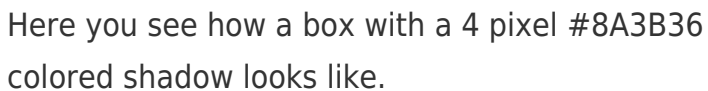
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A3B36 }
```

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

```
.border{ border-color:#8A3B36 }
```

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



Here you see how a box with a 4 pixel #8A3B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A3B36; -webkit-box-shadow:4px 4px  
4px 4px #8A3B36; box-shadow:4px 4px 4px  
4px #8A3B36 }
```

# Background

The CSS property to change the background color of an element to Hex 8A3B36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A3B36 }
```

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

```
.background{ background-color:#8A3B36 }
```

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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