

# Converting Colors

Hex(8A3540)

Have a look what the booklet for  
Hex(8A3540) contains.

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# Color

**Hex(8A3540)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A3540
RGB	138, 53, 64
RGB Percent	54%, 21%, 25%
CMY	0.4588, 0.7922, 0.7490
CMYK	0.00, 0.62, 0.54, 0.46
HSL	352°, 45%, 37%
HSV	352°, 62%, 54%
XYZ	12.6797, 8.3196, 5.7880
YIQ	79.6690, 47.1290, 21.4410

# Conversions

## Conversions Part 2

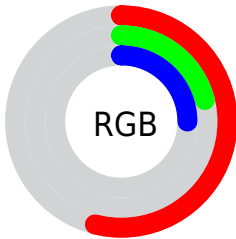
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 53, 64
Decimal	9057600
CIE <sub>Lab</sub>	34.64, 37.21, 12.11
CIE <sub>LCh</sub>	35, 39.128, 18.029
Yxy	8.3196, 0.4733, 0.3106
Android (android.graphics.Color)	4287247680 (0xFF8A3540)
YUV	79.6690, -7.7248, 51.1563
Hunter-Lab	28.8438, 27.9921, 8.2930

# Details

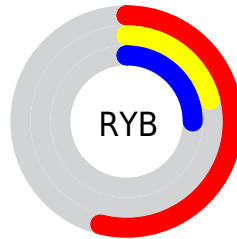
The Hex color **8A3540** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **358A7F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **C36870**, and **530016** is the 20% darker color. If you saturate the color by 10%, you get **8A2734**, and if you desaturate by 10%, it is **8A434C**.

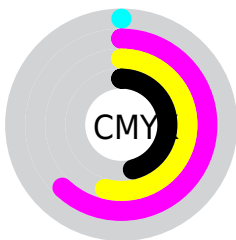
# Distribution



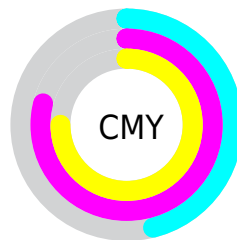
- Red (54%)
- Green (21%)
- Blue (25%)



- Red (54%)
- Yellow (21%)
- Blue (25%)



- Cyan (0%)
- Magenta (62%)
- Yellow (54%)
- Black (46%)



- Cyan (46%)
- Magenta (79%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A3540 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 8A3540 by changing the saturation by 10% instead.



 8A3540

 8A3540

FFFFFF

 6E1B2A

 C36870

 530016

 E08289

 390000

 FE9CA3

 1B0001

 FFB8BE

 000000

 FFD4DA

 FFF1F6

 8A3540

 8A3540

 8A2734

 8A434C

 8A1928

 8A5158

 8A0C1C

 8A5E64

 8A0012

 8A6C70

 8A7A7C

 8A8888

 8A9694

 8AA3A0

 8AB1AC

# Harmonies

## Analogous

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



84365F



8A3540



813F24

# Triad

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



8A3540



2A5C25



00598E

# Complementary

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



8A3540



358A7F

# 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.



005E7F



8A3540



006043

# Square

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



8A3540



50560F



006064



3A4E8D

# Rectangle

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



8A3540



744715



006064



005B8B



# Sweetspot

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



8A3540



B39297



7F358A



594648



D9D9D9



595959



# Same Dimension

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



8A3540



B32E40



8A5435



453E3F



850011



050001



# Inverse Universe

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



8A3540



B32E40



356B8A



453E3F



850011

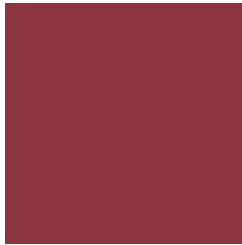


050001



# Previews

## White Background



This preview shows how the Hex color 8A3540 looks on a white background.

## Color Contrast Check

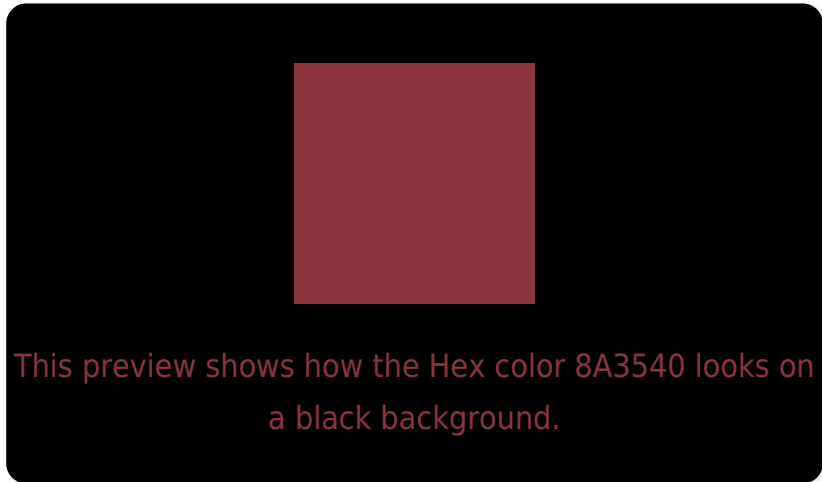
Large Text (above 18pt) WCAG AA ✓ Pass

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

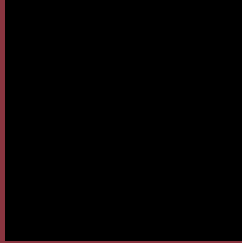
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A3540 Background



This preview shows how black text looks on a background with the Hex color 8A3540.



This preview shows how white text looks on a background with the Hex color 8A3540.

# 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**  
8A3540

**Protanopia**  
5524E

**Deuteranopia**  
624F3C



**Tritanopia**  
8A363A

# Trichromacy



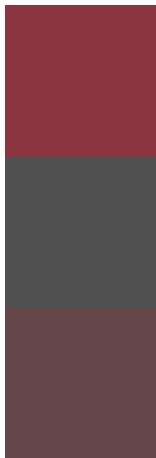
**Original Color**  
8A3540

**Protanomaly**  
684749

**Deuteranomaly**  
71463D

**Tritanomaly**  
8A363C

# Monochromacy



**Original Color**  
8A3540

**Achromatopsia**  
505050

**Achromatomaly**  
65464A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A3540 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 #8A3540 looks like.

```
.text, #text, p{  
    color:#8A3540  
}
```

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 #8A3540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A3540
}
```

## Border

The CSS property to change the border of an element to Hex 8A3540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

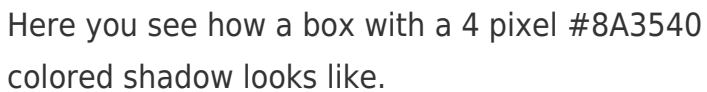
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A3540 }
```

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

```
.border{ border-color:#8A3540 }
```

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



Here you see how a box with a 4 pixel #8A3540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A3540; -webkit-box-shadow:4px 4px  
4px 4px #8A3540; box-shadow:4px 4px 4px  
4px #8A3540 }
```

# Background

The CSS property to change the background color of an element to Hex 8A3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A3540 }
```

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

```
.background{ background-color:#8A3540 }
```

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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