

# Converting Colors

Hex(9B3F3E)

Have a look what the booklet for  
Hex(9B3F3E) contains.

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# Color

Hex(9B3F3E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B3F3E
RGB	155, 63, 62
RGB Percent	61%, 25%, 24%
CMY	0.3922, 0.7529, 0.7569
CMYK	0.00, 0.59, 0.60, 0.39
HSL	1°, 43%, 43%
HSV	1°, 60%, 61%
XYZ	16.1646, 10.8714, 5.8038
YIQ	90.3940, 55.1530, 19.1930

# Conversions

## Conversions Part 2

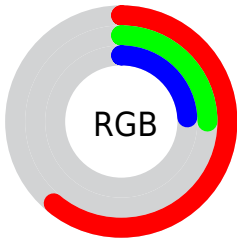
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	155, 63, 62
Decimal	10174270
CIE Lab	39.36, 38.39, 20.18
CIE LCh	39, 43.370, 27.736
Yxy	10.8714, 0.4922, 0.3310
Android (android.graphics.Color)	4288364350 (0xFF9B3F3E)
YUV	90.3940, -13.9982, 56.6595
Hunter-Lab	32.9718, 29.8099, 12.6437

# Details

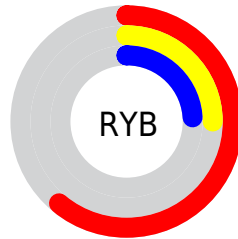
The Hex color **9B3F3E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3E9A9B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D6726E**, and **620814** is the 20% darker color. If you saturate the color by 10%, you get **9B302F**, and if you desaturate by 10%, it is **9B4E4E**.

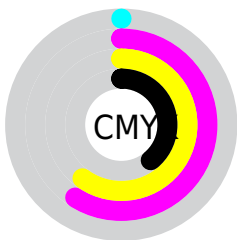
# Distribution



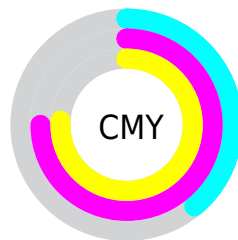
- Red (61%)
- Green (25%)
- Blue (24%)



- Red (61%)
- Yellow (25%)
- Blue (24%)



- Cyan (0%)
- Magenta (59%)
- Yellow (60%)
- Black (39%)



- Cyan (39%)
- Magenta (75%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B3F3E 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 9B3F3E by changing the saturation by 10% instead.



 9B3F3E

 9B3F3E

FFFFFF

 7E2628

 D6726E

 620814

 F48D87

 470000

 FFA8A1

 2F0002

 FFC4BC

 000000

 FFE0D8

 FFFDF4

 9B3F3E

 9B3F3E

 9B302F

 9B4E4E

 9B201F

 9B5E5D

 9B110F

 9B6D6C

 9B0200

 9B7C7C

 9B8C8B

 9B9B9B

 9BAAAB

 9BBABA

 9BC9CA

# Harmonies

## Analogous

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



9A3B61



9B3F3E



8C4C20

# Triad

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



9B3F3E



1A6A35



0062A3

# Complementary

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



9B3F3E



3E9A9B

# 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.



006A98



9B3F3E



006D59

# Square

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



9B3F3E



4E6418



006D7D



58549B

# Rectangle

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



9B3F3E



7B5611



006D7D



0065A2



# Sweetspot

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



9B3F3E



C9A6A5



9B3E9B



665050



E6E6E6



666666



# Same Dimension

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



9B3F3E



C93A38



9B6C3E



4D4545



8C0200



0D0000



# Inverse Universe

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



3E9A9B



38C8C9



3E6C9B



454C4D



008B8C

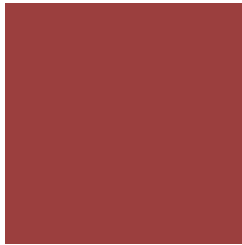


000D0D



# Previews

## White Background



This preview shows how the Hex color 9B3F3E looks on a white background.

## Color Contrast Check

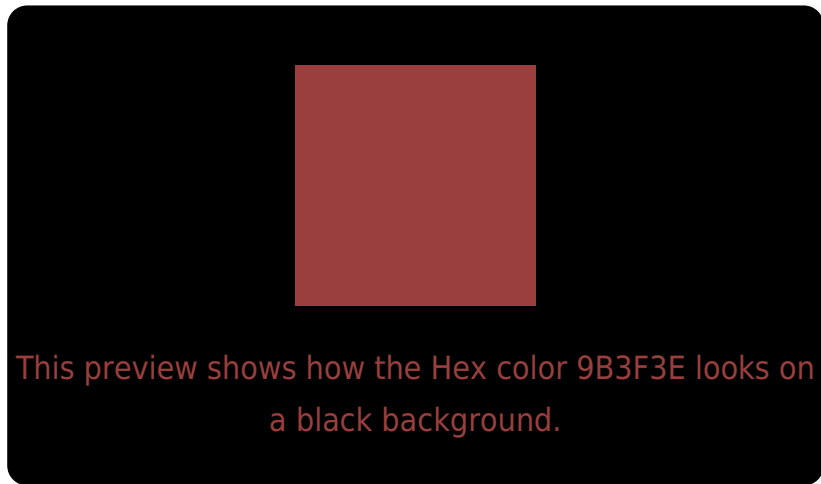
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 9B3F3E Background



This preview shows how black text looks on a background with the Hex color 9B3F3E.

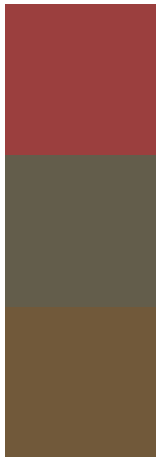


This preview shows how white text looks on a background with the Hex color 9B3F3E.

# 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**  
9B3F3E

**Protanopia**  
635D4B

**Deuteranopia**  
71593A



**Tritanopia**  
9B3E42

# Trichromacy



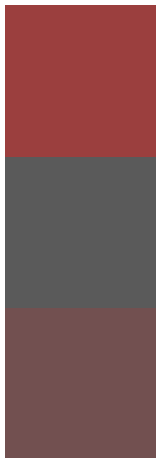
**Original Color**  
9B3F3E

**Protanomaly**  
775246

**Deuteranomaly**  
80503B

**Tritanomaly**  
9B3E41

# Monochromacy



**Original Color**  
9B3F3E

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
725050

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B3F3E 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 #9B3F3E looks like.

```
.text, #text, p{  
    color:#9B3F3E  
}
```

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 #9B3F3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B3F3E }  
}
```

## Border

The CSS property to change the border of an element to Hex 9B3F3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

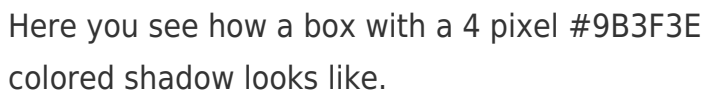
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #9B3F3E }  
}
```

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

```
.border{ border-color:#9B3F3E }
```

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



Here you see how a box with a 4 pixel #9B3F3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B3F3E; -webkit-box-shadow:4px 4px  
4px 4px #9B3F3E; box-shadow:4px 4px 4px  
4px #9B3F3E }
```

# Background

The CSS property to change the background color of an element to Hex 9B3F3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B3F3E }
```

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

```
.background{ background-color:#9B3F3E }
```

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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