

Converting Colors

Hex(9B3B4B)

Have a look what the booklet for
Hex(9B3B4B) contains.

Hex(9B3B4B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9B3B4B)

Conversions

Conversions Part 1

Format	Color
Hex	9B3B4B
RGB	155, 59, 75
RGB Percent	61%, 23%, 29%
CMY	0.3922, 0.7686, 0.7059
CMYK	0.00, 0.62, 0.52, 0.39
HSL	350°, 45%, 42%
HSV	350°, 62%, 61%
XYZ	16.3515, 10.6045, 7.8417
YIQ	89.5280, 52.0800, 25.3280

Conversions

Conversions Part 2

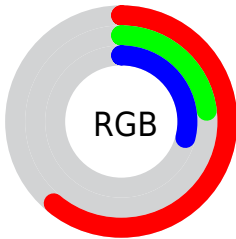
Format	Color
R_{YB}	155, 59, 75
Decimal	10173259
CIE Lab	38.91, 41.42, 11.46
CIE LCh	39, 42.975, 15.459
Yxy	10.6045, 0.4699, 0.3047
Android (android.graphics.Color)	4288363339 (0xFF9B3B4B)
YUV	89.5280, -7.1623, 57.4189
Hunter-Lab	32.5645, 32.6417, 8.5179

Details

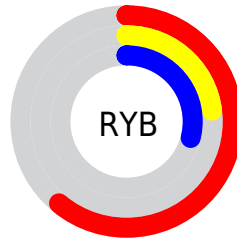
The Hex color **9B3B4B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3B9B8B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D56F7C**, and **630020** is the 20% darker color. If you saturate the color by 10%, you get **9B2B3E**, and if you desaturate by 10%, it is **9B4B58**.

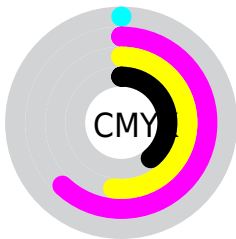
Distribution



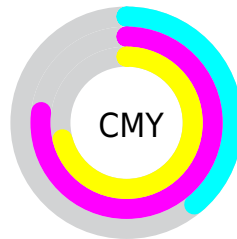
- Red (61%)
- Green (23%)
- Blue (29%)



- Red (61%)
- Yellow (23%)
- Blue (29%)



- Cyan (0%)
- Magenta (62%)
- Yellow (52%)
- Black (39%)



- Cyan (39%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B3B4B 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 9B3B4B by changing the saturation by 10% instead.

 9B3B4B

 9B3B4B

FFFFFF

 7F2134

 D56F7C

 630020

 F38995

 480007

 FFA4B0

 300002

 FFC0CB

 000000

 FFDDE7

 FFFAFF

 9B3B4B

 9B3B4B

 9B2B3E

 9B4B58

 9B1C31

 9B5A65

 9B0C24

 9B6A72

 9B001A

 9B797F

 9B898C

 9B9899

 9BA8A5

 9BB7B2

 9BC7BF

Harmonies

Analogous

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



923D6E



9B3B4B



92462B

Triad

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



9B3B4B



346727



00649F

Complementary

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



9B3B4B



3B9B8B

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.



006A8D



9B3B4B



006B49

Square

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



9B3B4B



5C5F0F



006C6D



3A599F

Rectangle

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



9B3B4B



844F1A



006C6D



00679B

Sweetspot

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



9B3B4B



C9A3AA



8B3B9B



664F52



E6E6E6



666666

Same Dimension

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



9B3B4B



C9344D



9B5B3B



4D4546



8C0017



0D0002

Inverse Universe

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



9B3B4B



C9344D



3B7B9B



4D4546



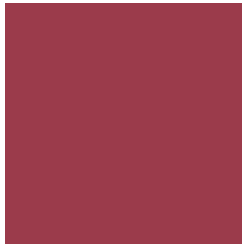
8C0017



0D0002

Previews

White Background



This preview shows how the Hex color 9B3B4B looks on a white background.

Color Contrast Check

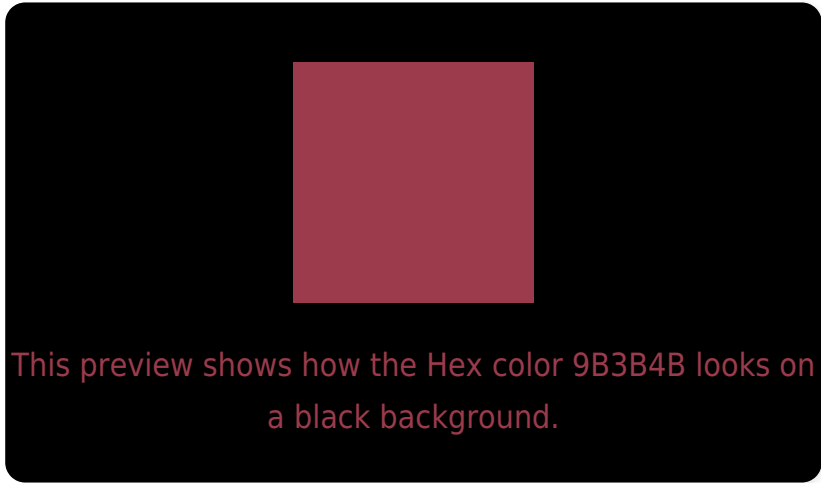
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B3B4B Background



This preview shows how black text looks on a background with the Hex color 9B3B4B.



This preview shows how white text looks on a background with the Hex color 9B3B4B.

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
9B3B4B

Protanopia
5E5C5C

Deuteranopia
6D5946



Tritanopia
9A3D41

Trichromacy



Original Color
9B3B4B

Protanomaly
745056

Deuteranomaly
7E4E48

Tritanomaly
9A3C45

Monochromacy



Original Color
9B3B4B

Achromatopsia
5A5A5A

Achromatomaly
724F55

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B3B4B 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 #9B3B4B looks like.

```
.text, #text, p{  
    color:#9B3B4B  
}
```

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 #9B3B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B3B4B
}
```

Border

The CSS property to change the border of an element to Hex 9B3B4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

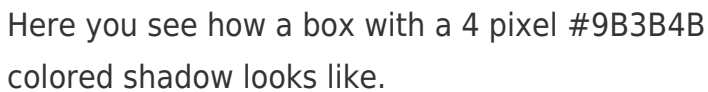
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B3B4B }
```

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

```
.border{ border-color:#9B3B4B }
```

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



Here you see how a box with a 4 pixel #9B3B4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B3B4B; -webkit-box-shadow:4px 4px  
4px 4px #9B3B4B; box-shadow:4px 4px 4px  
4px #9B3B4B }
```

Background

The CSS property to change the background color of an element to Hex 9B3B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B3B4B }
```

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

```
.background{ background-color:#9B3B4B }
```

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