

# Converting Colors

Hex(9B303A)

Have a look what the booklet for  
Hex(9B303A) contains.

<b>Hex(9B303A)</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(9B303A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B303A
RGB	155, 48, 58
RGB Percent	61%, 19%, 23%
CMY	0.3922, 0.8118, 0.7725
CMYK	0.00, 0.69, 0.63, 0.39
HSL	354°, 53%, 40%
HSV	354°, 69%, 61%
XYZ	15.3382, 9.3880, 5.0066
YIQ	81.1330, 60.5620, 25.7940

# Conversions

## Conversions Part 2

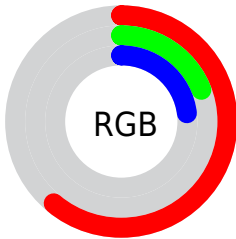
Format	Color
<a href="#">RYB</a>	<a href="#">155, 48, 58</a>
Decimal	<a href="#">10170426</a>
CIELab	<a href="#">36.72, 44.97, 19.25</a>
CIELCh	<a href="#">37, 48.918, 23.169</a>
Yxy	<a href="#">9.3880, 0.5159, 0.3157</a>
Android (android.graphics.Color)	<a href="#">4288360506</a> (0xFF9B303A)
YUV	<a href="#">81.1330, -11.4046, 64.7814</a>
Hunter-Lab	<a href="#">30.6398, 35.7373, 11.7597</a>

# Details

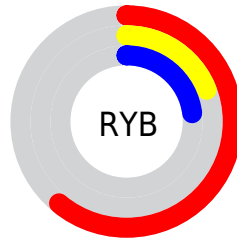
The Hex color **9B303A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **309B91**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **D66569**, and **610010** is the 20% darker color. If you saturate the color by 10%, you get **9B212C**, and if you desaturate by 10%, it is **9B3F48**.

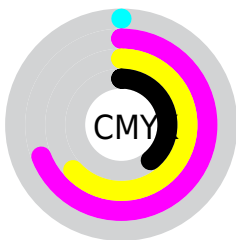
# Distribution



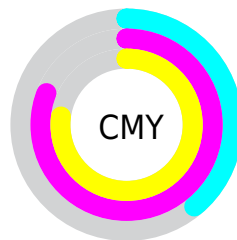
- Red (61%)
- Green (19%)
- Blue (23%)



- Red (61%)
- Yellow (19%)
- Blue (23%)



- Cyan (0%)
- Magenta (69%)
- Yellow (63%)
- Black (39%)



- Cyan (39%)
- Magenta (81%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B303A 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 9B303A by changing the saturation by 10% instead.



 9B303A

 9B303A

FFFFFF

 7E1225

 D66569

 610010

 F57F82

 460000

 FF9B9C

 2B0001

 FFB6B7

 000000

 FFD3D3

 FFF0EF

 9B303A

 9B303A

 9B212C

 9B3F48

 9B111E

 9B4F56

 9B0110

 9B5E64

 9B000E

 9B6E72

 9B7E80

 9B8D8E

 9B9D9C

 9BACAA

 9BBBB8

# Harmonies

## Analogous

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



972D61



9B303A



8C4116

# Triad

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



9B303A



0C6424



005EA5

# Complementary

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



9B303A



309B91

# 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.



006595



9B303A



00684C

# Square

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



9B303A



4B5D00



006874



42509F

# Rectangle

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



9B303A



7B4C00



006874



0061A2



# Sweetspot

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



9B303A



C99FA3



90309B



664D4F



E6E6E6



666666



# Same Dimension

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



9B303A



C92232



9B5B30



4D4546



8C000D



0D0001



# Inverse Universe

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



9B303A



C92232



30709B



4D4546



8C000D



0D0001



# Previews

## White Background



This preview shows how the Hex color 9B303A looks on a white background.

## Color Contrast Check

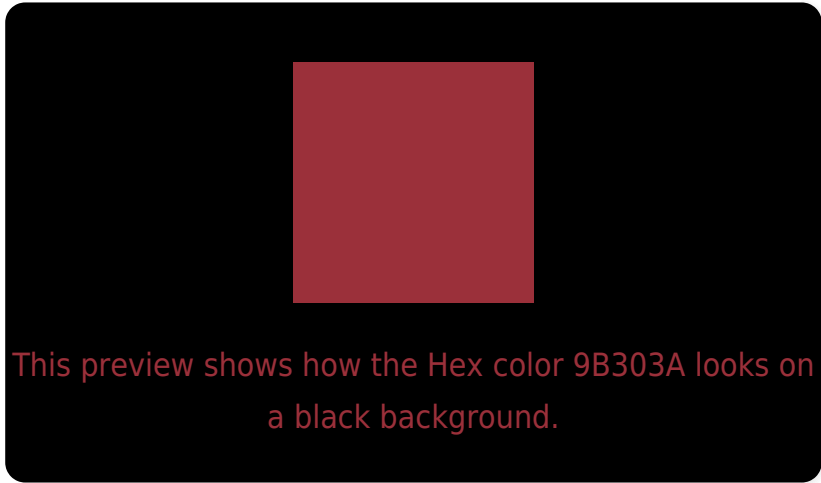
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B303A Background



This preview shows how black text looks on a background with the Hex color 9B303A.



This preview shows how white text looks on a background with the Hex color 9B303A.

# 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**  
9B303A

**Protanopia**  
5C574B

**Deuteranopia**  
6A5335

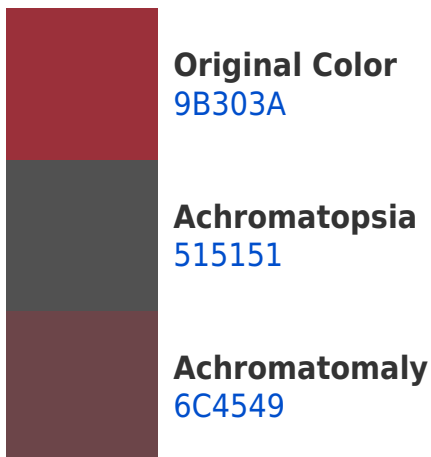


**Tritanopia**  
9B3134

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B303A 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 #9B303A looks like.

```
.text, #text, p{  
    color:#9B303A  
}
```

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 #9B303A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B303A
}
```

## Border

The CSS property to change the border of an element to Hex 9B303A is called "border". The border property can be set on classes, ids or directly on the HTML element.

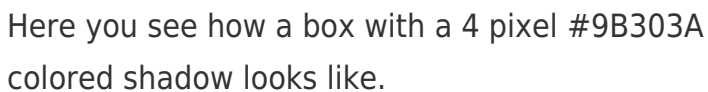
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B303A }
```

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

```
.border{ border-color:#9B303A }
```

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



Here you see how a box with a 4 pixel #9B303A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B303A; -webkit-box-shadow:4px 4px  
4px 4px #9B303A; box-shadow:4px 4px 4px  
4px #9B303A }
```

# Background

The CSS property to change the background color of an element to Hex 9B303A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B303A }
```

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

```
.background{ background-color:#9B303A }
```

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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