

# Converting Colors

Hex(9B293F)

Have a look what the booklet for  
Hex(9B293F) contains.

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**Color**

**Hex(9B293F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B293F
RGB	155, 41, 63
RGB Percent	61%, 16%, 25%
CMY	0.3922, 0.8392, 0.7529
CMYK	0.00, 0.74, 0.59, 0.39
HSL	348°, 58%, 38%
HSV	348°, 74%, 61%
XYZ	15.2077, 8.9133, 5.6215
YIQ	77.5940, 60.8820, 31.0100

# Conversions

## Conversions Part 2

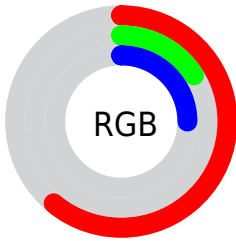
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 41, 63
Decimal	10168639
CIELab	35.82, 48.09, 14.87
CIElCh	36, 50.340, 17.178
Yxy	8.9133, 0.5113, 0.2997
Android (android.graphics.Color)	4288358719 (0xFF9B293F)
YUV	77.5940, -7.1948, 67.8851
Hunter-Lab	29.8552, 38.6782, 9.7347

# Details

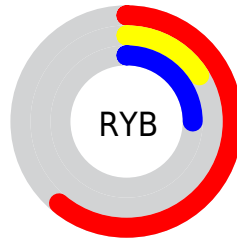
The Hex color **9B293F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **299B85**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **D65F6E**, and **610015** is the 20% darker color. If you saturate the color by 10%, you get **9B1A32**, and if you desaturate by 10%, it is **9B384C**.

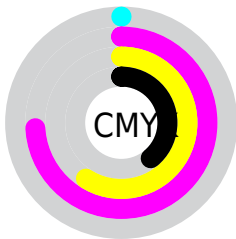
# Distribution



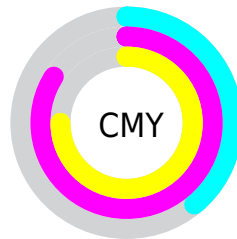
- Red (61%)
- Green (16%)
- Blue (25%)



- Red (61%)
- Yellow (16%)
- Blue (25%)



- Cyan (0%)
- Magenta (74%)
- Yellow (59%)
- Black (39%)



- Cyan (39%)
- Magenta (84%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B293F 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 9B293F by changing the saturation by 10% instead.



 9B293F

 9B293F

FFFFFF

 7E0429

 D65F6E

 610015

 F57A88

 460000

 FF95A2

 2B0001

 FFB1BD

 000000

 FFCED9

 FFEBF5

 9B293F

 9B293F

 9B1A32

 9B384C

 9B0A26

 9B4858

 9B001E

 9B5765

 9B6771

 9B767E

 9B868A

 9B9597

 9BA5A3

 9BB4B0

# Harmonies

## Analogous

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



932B67



9B293F



8F3A19

# Triad

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



9B293F



1B6117



005EA3

# Complementary

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



9B293F



299B85

# 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.



00648F



9B293F



006541

# Square

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



9B293F



515900



00666B



2751A2

# Rectangle

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



9B293F



7F4600



00666B



00619F



# Sweetspot

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



9B293F



C99DA6



84299B



664B51



E6E6E6



666666



# Same Dimension

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



9B293F



C9183A



9B4B29



4D4546



8C001B



0D0002



# Inverse Universe

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



9B293F



C9183A



29799B



4D4546



8C001B



0D0002



# Previews

## White Background



This preview shows how the Hex color 9B293F looks on a white background.

## Color Contrast Check

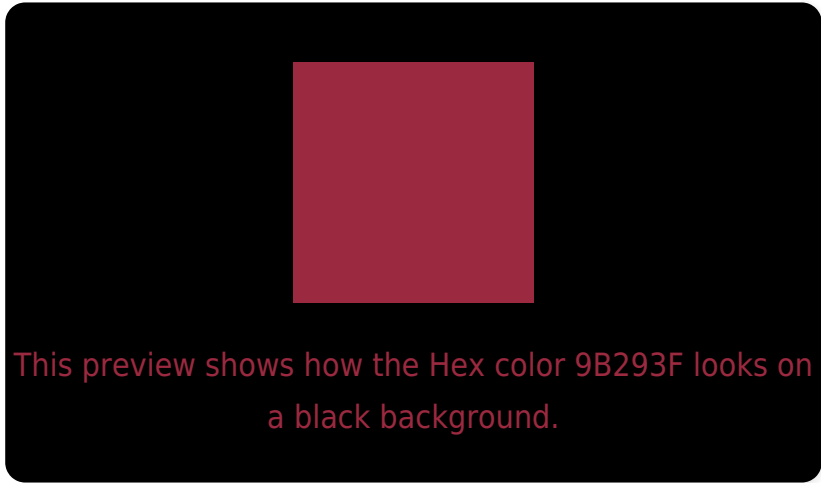
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B293F Background



This preview shows how black text looks on a background with the Hex color 9B293F.

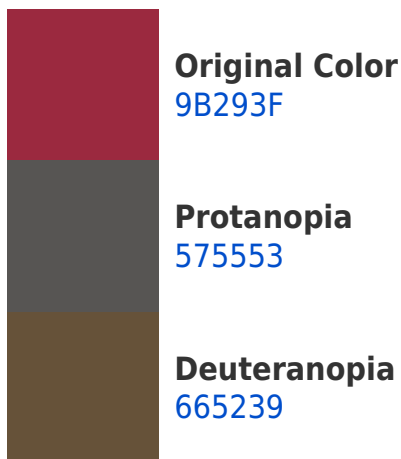


This preview shows how white text looks on a background with the Hex color 9B293F.

# 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





**Tritanopia**  
9A2C2E

# Trichromacy



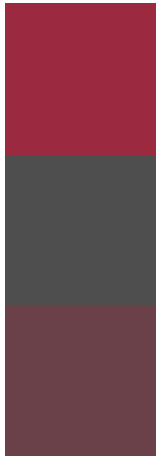
**Original Color**  
9B293F

**Protanomaly**  
70454C

**Deuteranomaly**  
79433B

**Tritanomaly**  
9A2B34

# Monochromacy



**Original Color**  
9B293F

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
6A4149

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B293F 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 #9B293F looks like.

```
.text, #text, p{  
    color:#9B293F  
}
```

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 #9B293F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B293F
}
```

## Border

The CSS property to change the border of an element to Hex 9B293F is called "border". The border property can be set on classes, ids or directly on the HTML element.

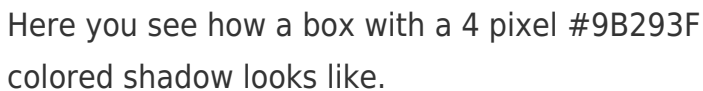
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B293F }
```

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

```
.border{ border-color:#9B293F }
```

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



Here you see how a box with a 4 pixel #9B293F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B293F; -webkit-box-shadow:4px 4px  
4px 4px #9B293F; box-shadow:4px 4px 4px  
4px #9B293F }
```

# Background

The CSS property to change the background color of an element to Hex 9B293F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B293F }
```

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

```
.background{ background-color:#9B293F }
```

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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