

# Converting Colors

Hex(9B2057)

Have a look what the booklet for  
Hex(9B2057) contains.

<b>Hex(9B2057)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9B2057)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B2057
RGB	155, 32, 87
RGB Percent	61%, 13%, 34%
CMY	0.3922, 0.8745, 0.6588
CMYK	0.00, 0.79, 0.44, 0.39
HSL	333°, 66%, 37%
HSV	333°, 79%, 61%
XYZ	15.7544, 8.6897, 9.8638
YIQ	75.0470, 55.6530, 43.1810

# Conversions

## Conversions Part 2

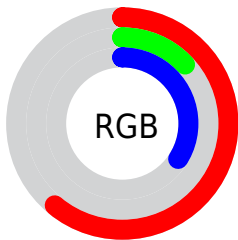
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 32, 87
Decimal	10166359
CIE <sub>Lab</sub>	35.38, 53.19, -1.24
CIE <sub>LCh</sub>	35, 53.207, 358.667
Yxy	8.6897, 0.4592, 0.2533
Android (android.graphics.Color)	4288356439 (0xFF9B2057)
YUV	75.0470, 5.8928, 70.1188
Hunter-Lab	29.4783, 43.8105, 0.7957

# Details

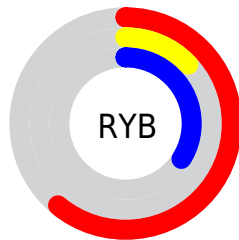
The Hex color **9B2057** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **209B64**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **D65A89**, and **62002A** is the 20% darker color. If you saturate the color by 10%, you get **9B104E**, and if you desaturate by 10%, it is **9B2F60**.

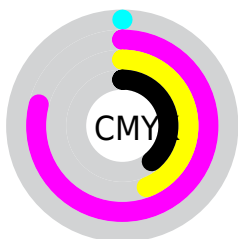
# Distribution



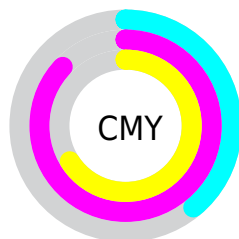
- Red (61%)
- Green (13%)
- Blue (34%)



- Red (61%)
- Yellow (13%)
- Blue (34%)



- Cyan (0%)
- Magenta (79%)
- Yellow (44%)
- Black (39%)



- Cyan (39%)
- Magenta (87%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B2057 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 9B2057 by changing the saturation by 10% instead.



 9B2057

 9B2057

FFFFFF

 7E0040

 D65A89

 62002A

 F475A3

 470016

 FF91BE

 2D0001

 FFADDA

 000000

 FFC9F6

 FFE6FF

 9B2057

 9B2057

 9B104E

 9B2F60

9B0146

9B3F68

9B0045

9B4E71

9B5E79

9B6E82

9B7D8A

9B8C93

9B9C9C

9BABA4

# Harmonies

## Analogous

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



833280



9B2057



9A292D

# Triad

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



9B2057



3D5C00



00629C

# Complementary

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



9B2057



209B64

# 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.



00667B



9B2057



006323

# Square

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



9B2057



675100



006650



0059A9

# Rectangle

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



9B2057



8F3812



006650



006493



# Sweetspot

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



9B2057



C999AF



64209B



664856



E6E6E6



666666



# Same Dimension

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



9B2057



C90A60



9B2620



4D4548



8C003F



0D0006



# Inverse Universe

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



9B2057



C90A60



20959B



4D4548



8C003F

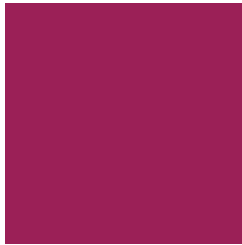


0D0006



# Previews

## White Background



This preview shows how the Hex color 9B2057 looks on a white background.

## Color Contrast Check

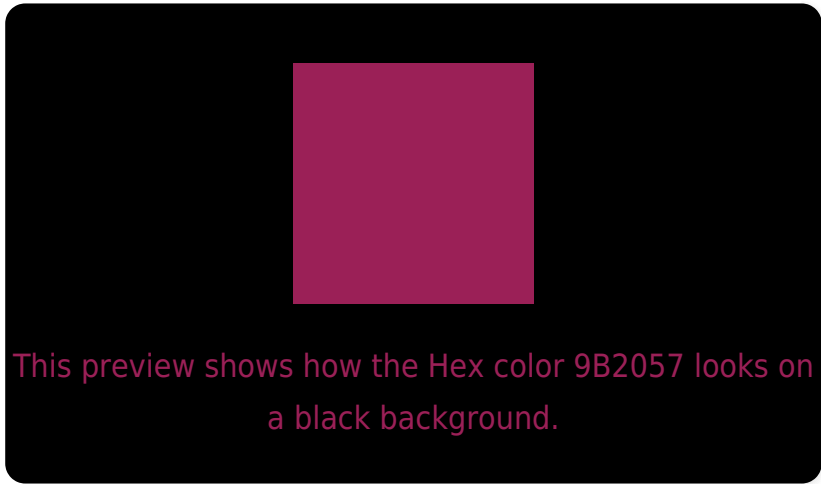
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B2057 Background



This preview shows how black text looks on a background with the Hex color 9B2057.



This preview shows how white text looks on a background with the Hex color 9B2057.

# 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**  
9B2057

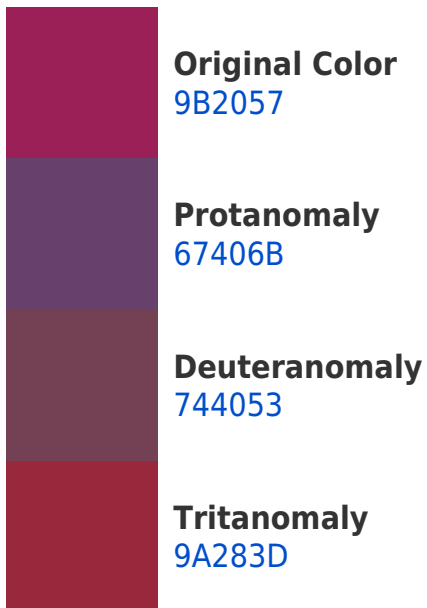
**Protanopia**  
4A5376

**Deuteranopia**  
5E5251

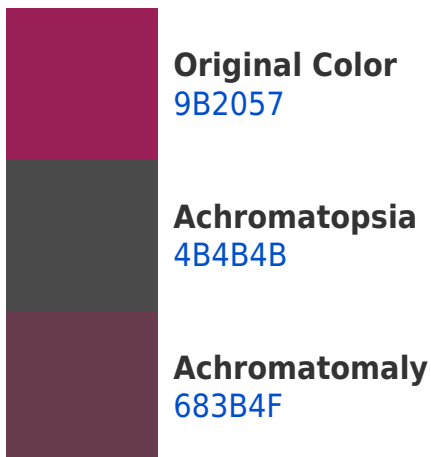


**Tritanopia**  
992C2E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B2057 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 #9B2057 looks like.

```
.text, #text, p{  
    color:#9B2057  
}
```

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 #9B2057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B2057
}
```

## Border

The CSS property to change the border of an element to Hex 9B2057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

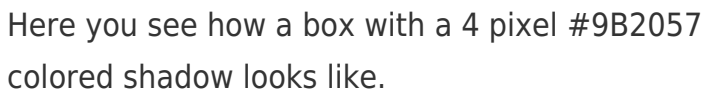
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B2057 }
```

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

```
.border{ border-color:#9B2057 }
```

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



Here you see how a box with a 4 pixel #9B2057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B2057; -webkit-box-shadow:4px 4px  
4px 4px #9B2057; box-shadow:4px 4px 4px  
4px #9B2057 }
```

# Background

The CSS property to change the background color of an element to Hex 9B2057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B2057 }
```

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

```
.background{ background-color:#9B2057 }
```

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