

# Converting Colors

Hex(9C1B54)

Have a look what the booklet for  
Hex(9C1B54) contains.

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# Color

**Hex(9C1B54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C1B54
RGB	156, 27, 84
RGB Percent	61%, 11%, 33%
CMY	0.3882, 0.8941, 0.6706
CMYK	0.00, 0.83, 0.46, 0.39
HSL	333°, 70%, 36%
HSV	333°, 83%, 61%
XYZ	15.7025, 8.4919, 9.1990
YIQ	72.0690, 58.5870, 45.0750

# Conversions

## Conversions Part 2

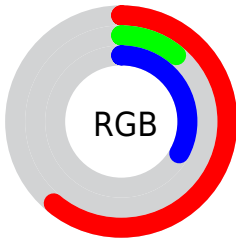
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">156, 27, 84</a>
Decimal	<a href="#">10230612</a>
CIELab	<a href="#">34.99, 54.58, 0.15</a>
CIElCh	<a href="#">35, 54.584, 0.157</a>
Yxy	<a href="#">8.4919, 0.4702, 0.2543</a>
Android (android.graphics.Color)	<a href="#">4288420692</a> <a href="#">(0xFF9C1B54)</a>
YUV	<a href="#">72.0690, 5.8820, 73.6075</a>
Hunter-Lab	<a href="#">29.1408, 45.1879, 1.6823</a>

# Details

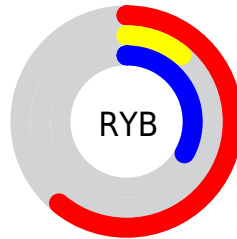
The Hex color **9C1B54** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1B9C63**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **D75785**, and **630027** is the 20% darker color. If you saturate the color by 10%, you get **9C0B4B**, and if you desaturate by 10%, it is **9C2B5D**.

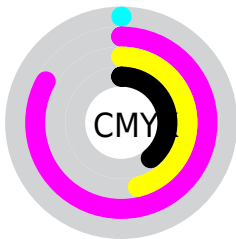
# Distribution



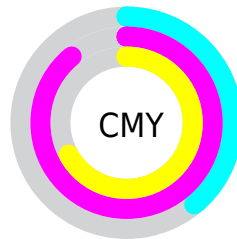
- Red (61%)
- Green (11%)
- Blue (33%)



- Red (61%)
- Yellow (11%)
- Blue (33%)



- Cyan (0%)
- Magenta (83%)
- Yellow (46%)
- Black (39%)



- Cyan (39%)
- Magenta (89%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C1B54 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 9C1B54 by changing the saturation by 10% instead.



9C1B54

9C1B54

FFFFFF

7F003D

D75785

630027

F5729F

470013

FF8EBA

2D0001

FFAAD6

000000

FFC6F2

FFE3FF

9C1B54

9C1B54

9C0B4B

9C2B5D

■ 9C0045

■ 9C3A65

■ 9C4A6E

■ 9C5977

■ 9C6980

■ 9C7988

■ 9C8891

■ 9C989A

■ 9CA7A2

# Harmonies

## Analogous

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



852E7E



9C1B54



9A2729

# Triad

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



9C1B54



395C00



00619E

# Complementary

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



9C1B54



1B9C63

# 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.



00657D



9C1B54



006223

# Square

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



9C1B54



645100



006551



0058AA

# Rectangle

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



9C1B54



8E370C



006551



006395



# Sweetspot

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



9C1B54



CC99B0



621B9C



664755



E6E6E6



666666



# Same Dimension

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



9C1B54



CC025B



9C211B



4F474B



8F003F



0F0007



# Inverse Universe

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



9C1B54



CC025B



1B969C



4F474B



8F003F



0F0007



# Previews

## White Background



This preview shows how the Hex color 9C1B54 looks on a white background.

## Color Contrast Check

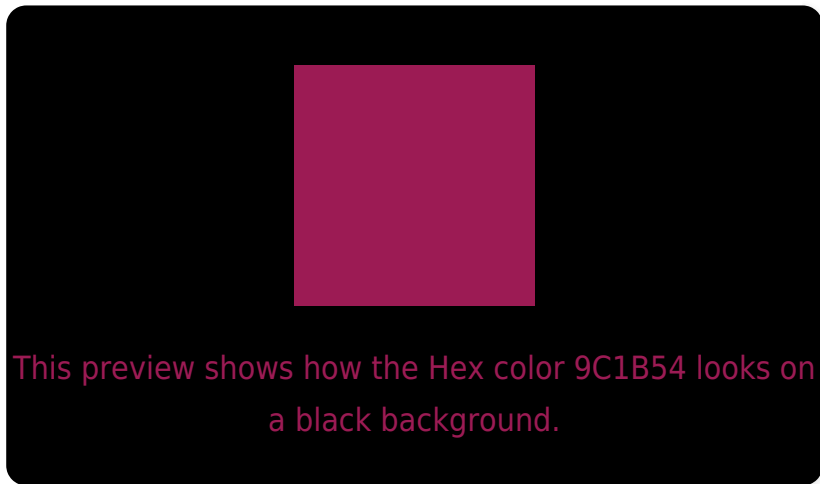
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C1B54 Background



This preview shows how black text looks on a background with the Hex color 9C1B54.

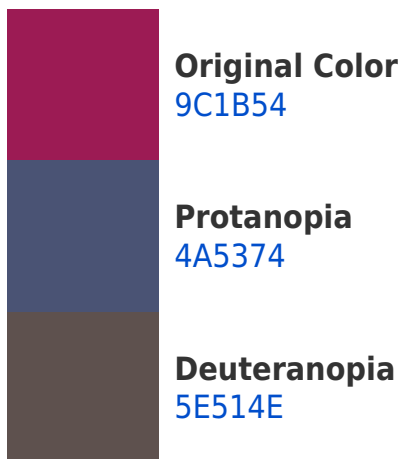



This preview shows how white text looks on a background with the Hex color 9C1B54.

# 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**  
9A282A

# Trichromacy



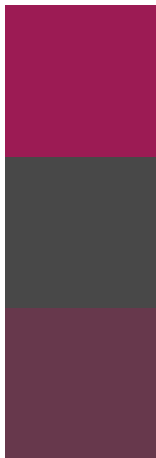
**Original Color**  
9C1B54

**Protanomaly**  
683F68

**Deuteranomaly**  
753D50

**Tritanomaly**  
9B2339

# Monochromacy



**Original Color**  
9C1B54

**Achromatopsia**  
484848

**Achromatomaly**  
67384C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C1B54 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 #9C1B54 looks like.

```
.text, #text, p{  
    color:#9C1B54  
}
```

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 #9C1B54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C1B54
}
```

## Border

The CSS property to change the border of an element to Hex 9C1B54 is called "border". The border property can be set on classes, ids or directly on the HTML element.

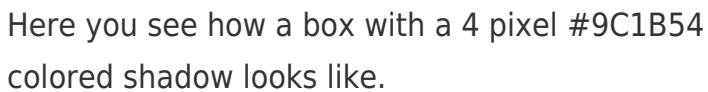
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C1B54 }
```

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

```
.border{ border-color:#9C1B54 }
```

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



Here you see how a box with a 4 pixel #9C1B54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C1B54; -webkit-box-shadow:4px 4px  
4px 4px #9C1B54; box-shadow:4px 4px 4px  
4px #9C1B54 }
```

# Background

The CSS property to change the background color of an element to Hex 9C1B54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C1B54 }
```

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

```
.background{ background-color:#9C1B54 }
```

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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