

# Converting Colors

Hex(9A1D33)

Have a look what the booklet for  
Hex(9A1D33) contains.

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# Color

**Hex(9A1D33)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A1D33
RGB	154, 29, 51
RGB Percent	60%, 11%, 20%
CMY	0.3961, 0.8863, 0.8000
CMYK	0.00, 0.81, 0.67, 0.40
HSL	349°, 68%, 36%
HSV	349°, 81%, 60%
XYZ	14.3633, 7.9878, 3.9167
YIQ	68.8830, 67.4380, 33.3420

# Conversions

## Conversions Part 2

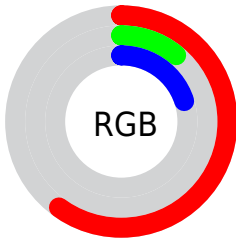
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 29, 51
Decimal	10100019
CIELab	33.96, 50.99, 20.11
CIElCh	34, 54.813, 21.526
Yxy	7.9878, 0.5468, 0.3041
Android (android.graphics.Color)	4288290099 (0xFF9A1D33)
YUV	68.8830, -8.8163, 74.6476
Hunter-Lab	28.2626, 41.2557, 11.5672

# Details

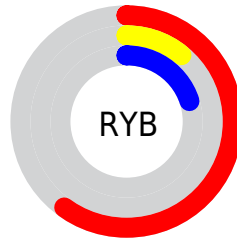
The Hex color **9A1D33** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1D9A84**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **D65761**, and **600006** is the 20% darker color. If you saturate the color by 10%, you get **9A0E26**, and if you desaturate by 10%, it is **9A2C40**.

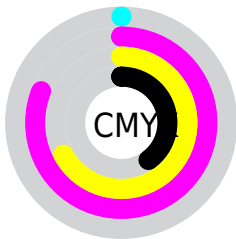
# Distribution



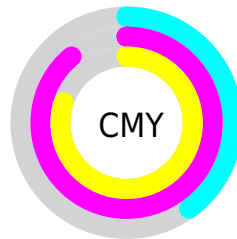
- Red (60%)
- Green (11%)
- Blue (20%)



- Red (60%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (81%)
- Yellow (67%)
- Black (40%)



- Cyan (40%)
- Magenta (89%)
- Yellow (80%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A1D33 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 9A1D33 by changing the saturation by 10% instead.



 9A1D33

 9A1D33

FFFFFF

 7D001E

 D65761

 600006

 F5727A

 430001

 FF8D94

 260001

 FFA9AE

 000000

 FFC5CA

 FFE2E6

 9A1D33

 9A1D33

 9A0E26

 9A2C40

■ 9A001B

■ 9A3C4C

■ 9A4B59

■ 9A5B66

■ 9A6A72

■ 9A797F

■ 9A898C

■ 9A9899

■ 9AA8A5

# Harmonies

## Analogous

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



961A5E



9A1D33



8A3506

# Triad

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



9A1D33



005E12



0059A7

# Complementary

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



9A1D33



1D9A84

# 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.



006094



9A1D33



006242

# Square

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



9A1D33



445700



00636F



2B4AA2

# Rectangle

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



9A1D33



774400



00636F



005CA3



# Sweetspot

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



9A1D33



C999A2



831D9A



66484E



E6E6E6



666666



# Same Dimension

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



9A1D33



C90628



9A451D



4D4546



8C0019



0D0002



# Inverse Universe

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



9A1D33



C90628



1D729A



4D4546



8C0019



0D0002



# Previews

## White Background



This preview shows how the Hex color 9A1D33 looks on a white background.

## Color Contrast Check

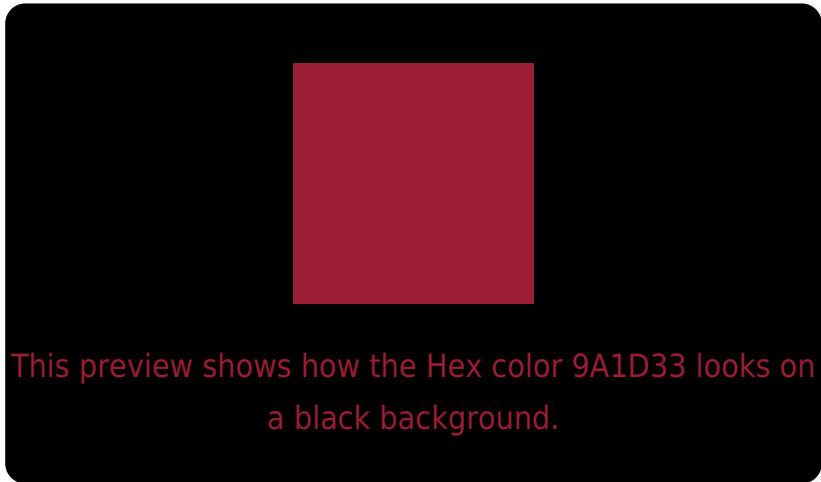
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A1D33 Background



This preview shows how black text looks on a background with the Hex color 9A1D33.

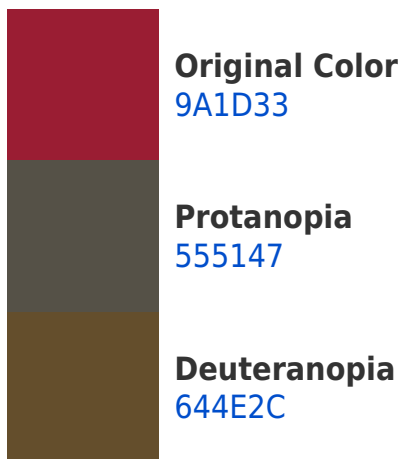


This preview shows how white text looks on a background with the Hex color 9A1D33.

# Color Blindness Simulation

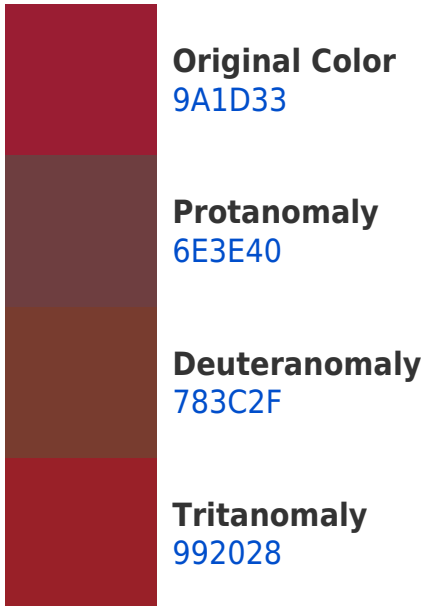
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

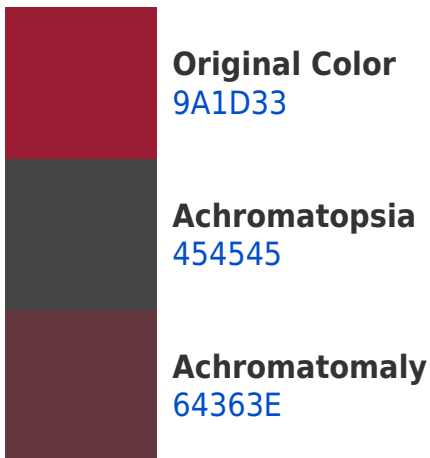




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A1D33 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 #9A1D33 looks like.

```
.text, #text, p{  
    color:#9A1D33  
}
```

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 #9A1D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A1D33
}
```

## Border

The CSS property to change the border of an element to Hex 9A1D33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

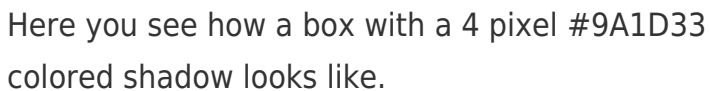
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A1D33 }
```

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

```
.border{ border-color:#9A1D33 }
```

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



Here you see how a box with a 4 pixel #9A1D33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A1D33; -webkit-box-shadow:4px 4px  
4px 4px #9A1D33; box-shadow:4px 4px 4px  
4px #9A1D33 }
```

# Background

The CSS property to change the background color of an element to Hex 9A1D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A1D33 }
```

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

```
.background{ background-color:#9A1D33 }
```

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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