

# Converting Colors

Hex(9B1D87)

Have a look what the booklet for  
Hex(9B1D87) contains.

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# Color

**Hex(9B1D87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B1D87
RGB	155, 29, 135
RGB Percent	61%, 11%, 53%
CMY	0.3922, 0.8863, 0.4706
CMYK	0.00, 0.81, 0.13, 0.39
HSL	310°, 68%, 36%
HSV	310°, 81%, 61%
XYZ	18.3301, 9.5966, 23.8079
YIQ	78.7580, 41.0700, 59.6780

# Conversions

## Conversions Part 2

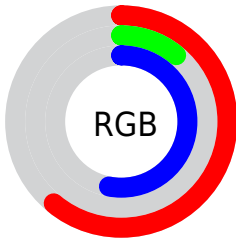
Format	Color
<b>RYB</b>	155, 29, 135
Decimal	10165639
CIELab	37.11, 59.96, -28.92
CIELCh	37, 66.572, 334.249
Yxy	9.5966, 0.3543, 0.1855
Android (android.graphics.Color)	4288355719 (0xFF9B1D87)
YUV	78.7580, 27.7273, 66.8642
Hunter-Lab	30.9783, 51.4078, -23.8816

# Details

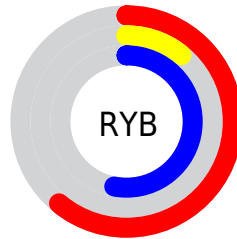
The Hex color **9B1D87** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1D9B31**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **D55ABD**, and **640055** is the 20% darker color. If you saturate the color by 10%, you get **9B0E85**, and if you desaturate by 10%, it is **9B2D89**.

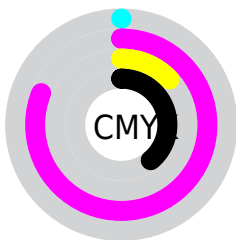
# Distribution



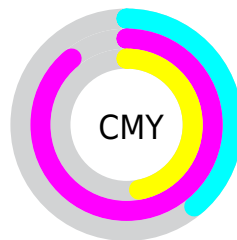
- Red (61%)
- Green (11%)
- Blue (53%)



- Red (61%)
- Yellow (11%)
- Blue (53%)



- Cyan (0%)
- Magenta (81%)
- Yellow (13%)
- Black (39%)



- Cyan (39%)
- Magenta (89%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B1D87 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 9B1D87 by changing the saturation by 10% instead.



 9B1D87

 9B1D87

FFFFFF

 7F006D

 D55ABD

 640055

 F276D9

 49003D

 FF91F5

 300027

 FFAEFF

 040010

 FFCAFF

 000000

 FFE8FF

 9B1D87

 9B1D87

 9B0E85

 9B2D89

■ 9B0082

■ 9B3C8C

■ 9B4C8E

■ 9B5B91

■ 9B6B93

■ 9B7A96

■ 9B8A98

■ 9B999B

■ 9BA99D

# Harmonies

## Analogous

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



5B44B1



9B1D87



B20052

# Triad

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



9B1D87



655800



006D93

# Complementary

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



9B1D87



1D9B31

# 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.



006D5E



9B1D87



296400

# Square

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



9B1D87



8F4200



006B24



0069B9

# Rectangle

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



9B1D87



B0082F



006B24



006E82



# Sweetspot

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



9B1D87



C999C2



301D9B



664861



E6E6E6



666666



# Same Dimension

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



9B1D87



C904AA



9B1D49



4D454B



8C0076



0D000B



# Inverse Universe

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



9B1D87



C904AA



1D9B6F



4D454B



8C0076



0D000B



# Previews

## White Background



This preview shows how the Hex color 9B1D87 looks on a white background.

## Color Contrast Check

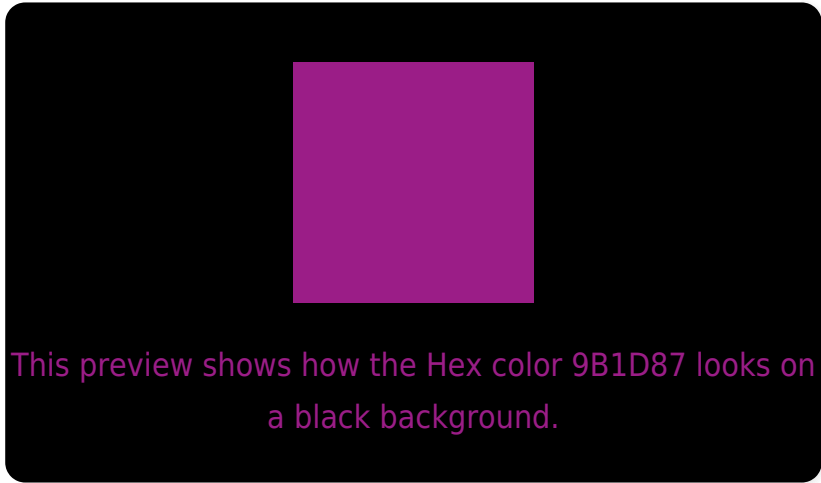
Large Text (above 18pt) WCAG AA ✓ Pass

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

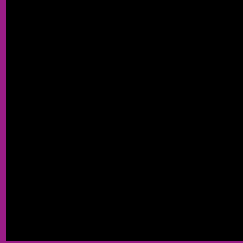
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9B1D87 Background



This preview shows how black text looks on a background with the Hex color 9B1D87.



This preview shows how white text looks on a background with the Hex color 9B1D87.

# 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](#).

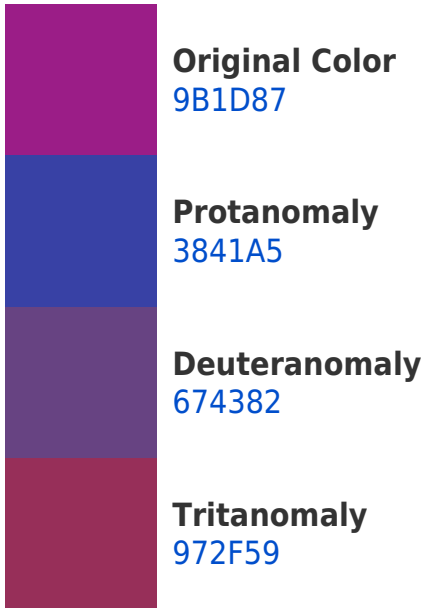
## Dichromacy





**Tritanopia**  
943A3E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B1D87 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 #9B1D87 looks like.

```
.text, #text, p{  
    color:#9B1D87  
}
```

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 #9B1D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B1D87
}
```

## Border

The CSS property to change the border of an element to Hex 9B1D87 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
#9B1D87 }
```

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

```
.border{ border-color:#9B1D87 }
```

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

Here you see how a box with a 4 pixel #9B1D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B1D87; -webkit-box-shadow:4px 4px  
4px 4px #9B1D87; box-shadow:4px 4px 4px  
4px #9B1D87 }
```

# Background

The CSS property to change the background color of an element to Hex 9B1D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B1D87 }
```

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

```
.background{ background-color:#9B1D87 }
```

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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