

# Converting Colors

Hex(9F1F9A)

Have a look what the booklet for  
Hex(9F1F9A) contains.

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**Color**

**Hex(9F1F9A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F1F9A
RGB	159, 31, 154
RGB Percent	62%, 12%, 60%
CMY	0.3765, 0.8784, 0.3961
CMYK	0.00, 0.81, 0.03, 0.38
HSL	302°, 67%, 37%
HSV	302°, 81%, 62%
XYZ	20.6208, 10.6840, 31.5472
YIQ	83.2940, 36.8050, 65.3890

# Conversions

## Conversions Part 2

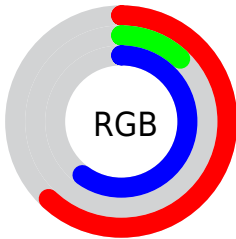
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 31, 154
Decimal	10428314
CIE <sub>Lab</sub>	39.04, 63.19, -37.44
CIE <sub>LCh</sub>	39, 73.446, 329.352
Yxy	10.6840, 0.3281, 0.1700
Android (android.graphics.Color)	4288618394 (0xFF9F1F9A)
YUV	83.2940, 34.8581, 66.3942
Hunter-Lab	32.6864, 55.4088, -34.3432

# Details

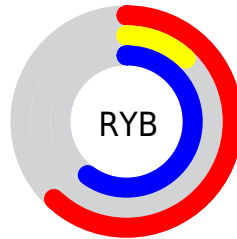
The Hex color **9F1F9A** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1F9F24**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **D95CD1**, and **670066** is the 20% darker color. If you saturate the color by 10%, you get **9F0F99**, and if you desaturate by 10%, it is **9F2F9B**.

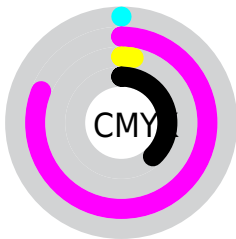
# Distribution



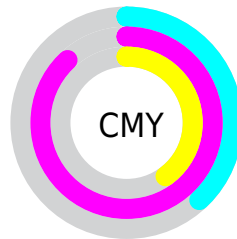
- Red (62%)
- Green (12%)
- Blue (60%)



- Red (62%)
- Yellow (12%)
- Blue (60%)



- Cyan (0%)
- Magenta (81%)
- Yellow (3%)
- Black (38%)



- Cyan (38%)
- Magenta (88%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F1F9A 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 9F1F9A by changing the saturation by 10% instead.



 9F1F9A

 9F1F9A

FFFFFF

 830080

 D95CD1

 670066

 F779ED

 4C004E

 FF95FF

 340036

 FFB1FF

 120020

 FFCEFF

 000003

 FFE8FF

 000000

 9F1F9A

 9F1F9A

 9F0F99

 9F2F9B

■ 9F0099

■ 9F3F9B

■ 9F4F9C

■ 9F5F9C

■ 9F6E9D

■ 9F7E9E

■ 9F8E9E

■ 9F9E9F

■ 9FAEA0

# Harmonies

## Analogous

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



494CC6



9F1F9A



BE0060

# Triad

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



9F1F9A



725900



007496

# Complementary

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



9F1F9A



1F9F24

# 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.



007359



9F1F9A



356900

# Square

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



9F1F9A



9F3E00



007015



0071C4

# Rectangle

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



9F1F9A



BF0039



007015



007482



# Sweetspot

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



9F1F9A



CF9DCD



231F9F



694A67



E8E8E8



696969



# Same Dimension

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



9F1F9A



CF06C7



9F1F5B



4F474F



8F0089



0F000F



# Inverse Universe

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



9F1F9A



CF06C7



1F9F63



4F474F



8F0089



0F000F



# Previews

## White Background



This preview shows how the Hex color 9F1F9A looks on a white background.

## Color Contrast Check

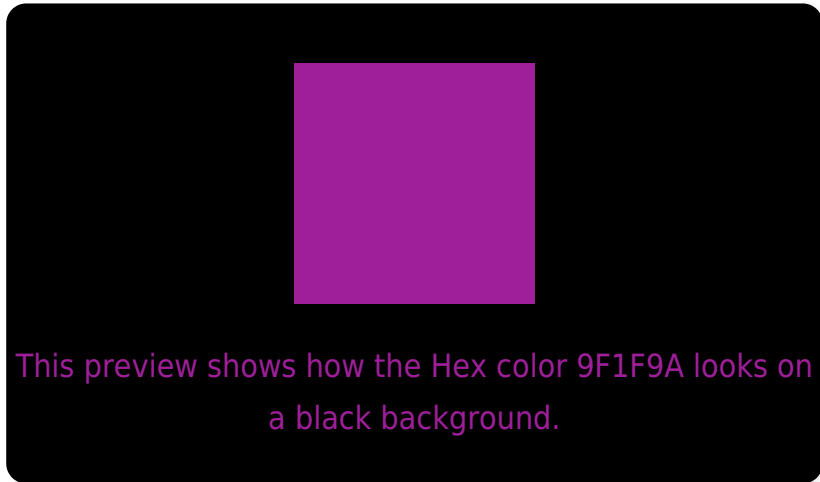
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

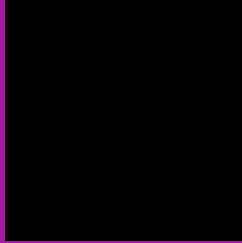
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9F1F9A Background



This preview shows how black text looks on a background with the Hex color 9F1F9A.

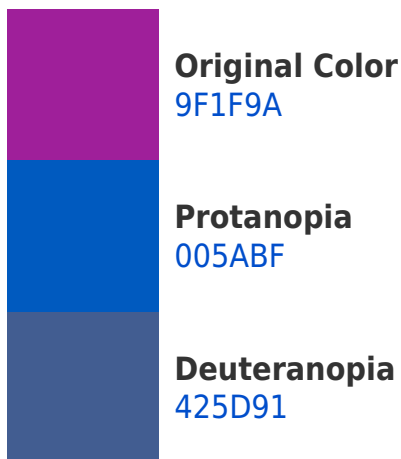



This preview shows how white text looks on a background with the Hex color 9F1F9A.

# 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](#).

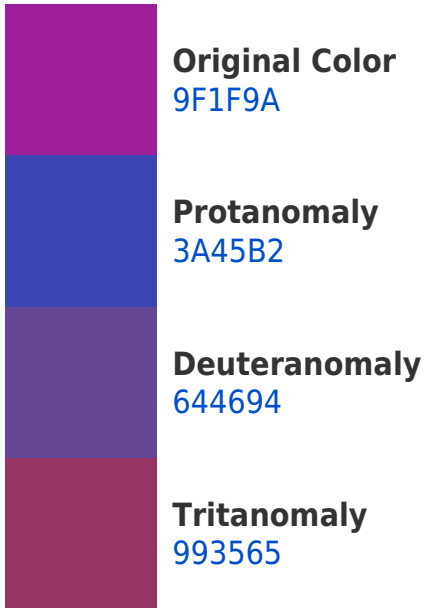
## Dichromacy



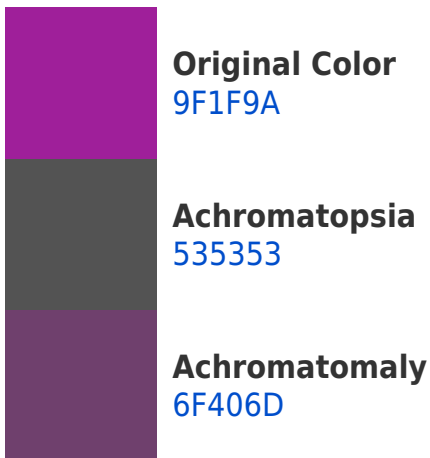


**Tritanopia**  
964246

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F1F9A 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 #9F1F9A looks like.

```
.text, #text, p{  
    color:#9F1F9A  
}
```

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 #9F1F9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F1F9A
}
```

## Border

The CSS property to change the border of an element to Hex 9F1F9A is called "border". The border property can be set on classes, ids or directly on the HTML element.

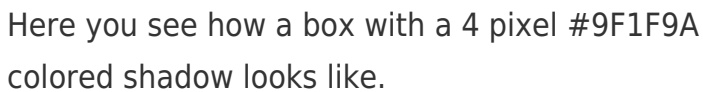
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F1F9A }
```

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

```
.border{ border-color:#9F1F9A }
```

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



Here you see how a box with a 4 pixel #9F1F9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F1F9A; -webkit-box-shadow:4px 4px  
4px 4px #9F1F9A; box-shadow:4px 4px 4px  
4px #9F1F9A }
```

# Background

The CSS property to change the background color of an element to Hex 9F1F9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F1F9A }
```

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

```
.background{ background-color:#9F1F9A }
```

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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