

# Converting Colors

Hex(9F34AD)

Have a look what the booklet for  
Hex(9F34AD) contains.

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**Color**

**Hex(9F34AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F34AD
RGB	159, 52, 173
RGB Percent	62%, 20%, 68%
CMY	0.3765, 0.7961, 0.3216
CMYK	0.08, 0.70, 0.00, 0.32
HSL	293°, 54%, 44%
HSV	293°, 70%, 68%
XYZ	23.0689, 12.8440, 40.7984
YIQ	97.7870, 24.9310, 60.3150

# Conversions

## Conversions Part 2

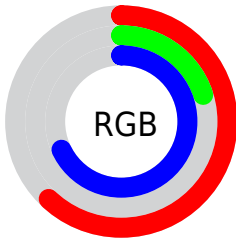
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 52, 173
Decimal	10433709
CIE <sub>Lab</sub>	42.53, 59.62, -43.28
CIE <sub>LCh</sub>	43, 73.668, 324.023
Yxy	12.8440, 0.3007, 0.1674
Android (android.graphics.Color)	4288623789 (0xFF9F34AD)
YUV	97.7870, 37.0800, 53.6838
Hunter-Lab	35.8386, 52.1809, -42.4084

# Details

The Hex color **9F34AD** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **42AD34**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **D96CE5**, and **680078** is the 20% darker color. If you saturate the color by 10%, you get **9D23AD**, and if you desaturate by 10%, it is **A145AD**.

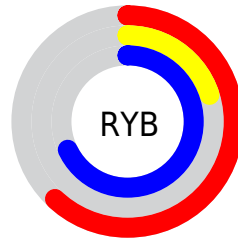
# Distribution



Red (62%)

Green (20%)

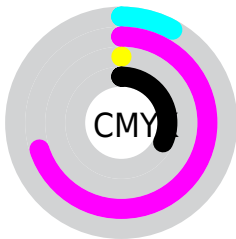
Blue (68%)



Red (62%)

Yellow (20%)

Blue (68%)

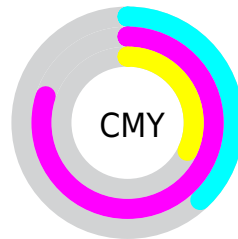


Cyan (8%)

Magenta (70%)

Yellow (0%)

Black (32%)



Cyan (38%)

Magenta (80%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F34AD 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 9F34AD by changing the saturation by 10% instead.



9F34AD

9F34AD

FFFFFF

831292

D96CE5

680078

F687FF

4D005F

FFA3FF

330046

FFC0FF

17002F

FFDCFF

000119

FFFAFF

000000

9F34AD

9F34AD

9D23AD

A145AD

■ 9B11AD

■ A357AD

■ 9900AD

■ A568AD

■ A779AD

■ A98BAD

■ AB9CAD

■ ADADAD

■ AFBEAD

■ B1D0AD

# Harmonies

## Analogous

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



345AD5



9F34AD



C60073

# Triad

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



9F34AD



855E00



007E95

# Complementary

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



9F34AD



42AD34

# 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.



007C56



9F34AD



4B6F00

# Square

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



9F34AD



B04000



00780E



007BC7

# Rectangle

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



9F34AD



CB004B



00780E



007D80



# Sweetspot

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



9F34AD



DBB1E0



3442AD



6D5470



F0F0F0



707070



# Same Dimension

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



9F34AD



CB24E0



AD347F



564E57



850096



140017



# Inverse Universe

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



AD3442



E0243A



34AD62



574E4F



960011



170003



# Previews

## White Background



This preview shows how the Hex color 9F34AD looks on a white background.

## Color Contrast Check

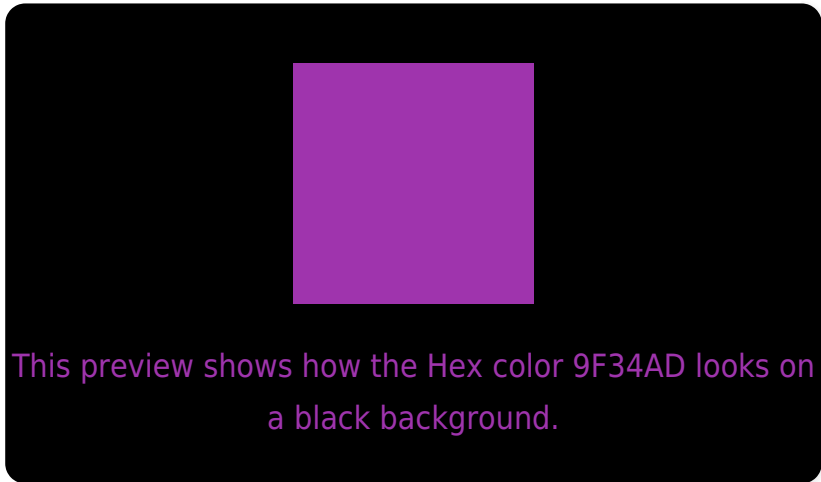
Large Text (above 18pt) WCAG AA ✓ Pass

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

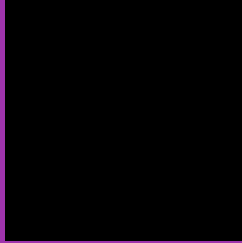
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9F34AD Background



This preview shows how black text looks on a background with the Hex color 9F34AD.

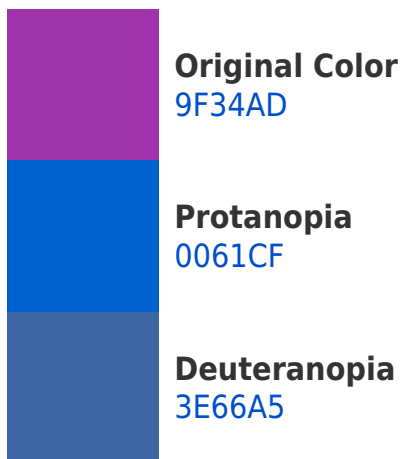


This preview shows how white text looks on a background with the Hex color 9F34AD.

# 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**  
945157

# Trichromacy



**Original Color**  
9F34AD



**Protanomaly**  
3A51C3



**Deuteranomaly**  
6154A8



**Tritanomaly**  
984676

# Monochromacy



**Original Color**  
9F34AD



**Achromatopsia**  
626262



**Achromatomaly**  
78517D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F34AD 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 #9F34AD looks like.

```
.text, #text, p{  
    color:#9F34AD  
}
```

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 #9F34AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F34AD
}
```

## Border

The CSS property to change the border of an element to Hex 9F34AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

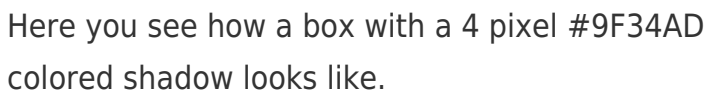
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F34AD }
```

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

```
.border{ border-color:#9F34AD }
```

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



Here you see how a box with a 4 pixel #9F34AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F34AD; -webkit-box-shadow:4px 4px  
4px 4px #9F34AD; box-shadow:4px 4px 4px  
4px #9F34AD }
```

# Background

The CSS property to change the background color of an element to Hex 9F34AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F34AD }
```

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

```
.background{ background-color:#9F34AD }
```

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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