

# Converting Colors

Hex(9B3F89)

Have a look what the booklet for  
Hex(9B3F89) contains.

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# Color

**Hex(9B3F89)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B3F89
RGB	155, 63, 137
RGB Percent	61%, 25%, 54%
CMY	0.3922, 0.7529, 0.4627
CMYK	0.00, 0.59, 0.12, 0.39
HSL	312°, 42%, 43%
HSV	312°, 59%, 61%
XYZ	19.8104, 12.3297, 25.0027
YIQ	98.9440, 31.0780, 42.5180

# Conversions

## Conversions Part 2

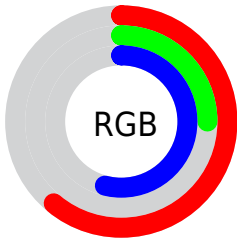
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 63, 137
Decimal	10174345
CIE <sub>Lab</sub>	41.74, 47.59, -22.93
CIE <sub>LCh</sub>	42, 52.828, 334.277
Yxy	12.3297, 0.3467, 0.2158
Android (android.graphics.Color)	4288364425 (0xFF9B3F89)
YUV	98.9440, 18.7616, 49.1611
Hunter-Lab	35.1137, 39.2571, -17.6378

# Details

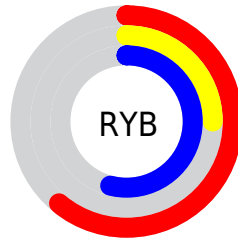
The Hex color **9B3F89** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3F9B51**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **D474BF**, and **650057** is the 20% darker color. If you saturate the color by 10%, you get **9B3086**, and if you desaturate by 10%, it is **9B4E8C**.

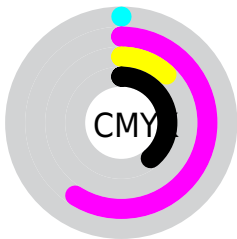
# Distribution



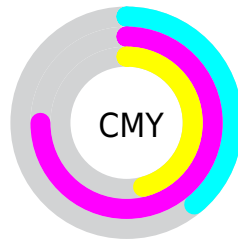
- Red (61%)
- Green (25%)
- Blue (54%)



- Red (61%)
- Yellow (25%)
- Blue (54%)



- Cyan (0%)
- Magenta (59%)
- Yellow (12%)
- Black (39%)



- Cyan (39%)
- Magenta (75%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B3F89 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 9B3F89 by changing the saturation by 10% instead.



9B3F89

9B3F89

FFFFFF

80246F

D474BF

650057

F18FDB

4B003F

FFAAF7

330029

FFC6FF

130013

FFE3FF

000000

9B3F89

9B3F89

9B3086

9B4E8C

9B2083

9B5E8F

 9B1180

 9B6E92

 9B017D

 9B7D95

 9B007D

 9B8C98

 9B9C9B

 9BAB9E

 9BBBA1

 9BCBA4

# Harmonies

## Analogous

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



6A54AB



9B3F89



AF345E

# Triad

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



9B3F89



716300



007692

# Complementary

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



9B3F89



3F9B51

# 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.



007668



9B3F89



446E0E

# Square

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



9B3F89



94520C



00743A



0071B1

# Rectangle

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



9B3F89



AE3942



00743A



007685



# Sweetspot

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



9B3F89



C9A5C2



503F9B



665062



E6E6E6



666666



# Same Dimension

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



9B3F89



C93AAD



9B3F5C



4D454B



8C0071



0D000A



# Inverse Universe

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



9B3F89



C93AAD



3F9B7E



4D454B



8C0071



0D000A



# Previews

## White Background



This preview shows how the Hex color 9B3F89 looks on a white background.

## Color Contrast Check

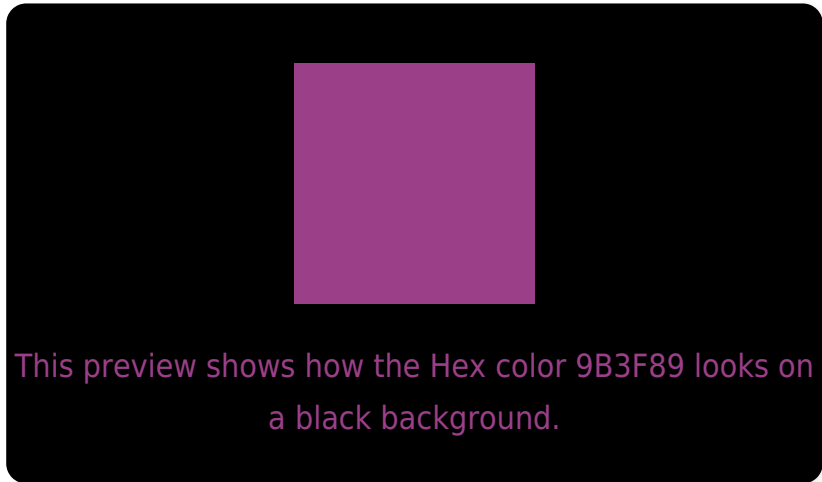
Large Text (above 18pt) WCAG AA ✓ Pass

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

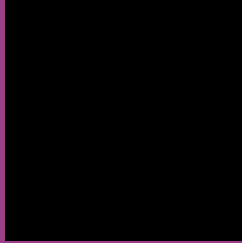
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B3F89 Background



This preview shows how black text looks on a background with the Hex color 9B3F89.



This preview shows how white text looks on a background with the Hex color 9B3F89.

# 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](#).

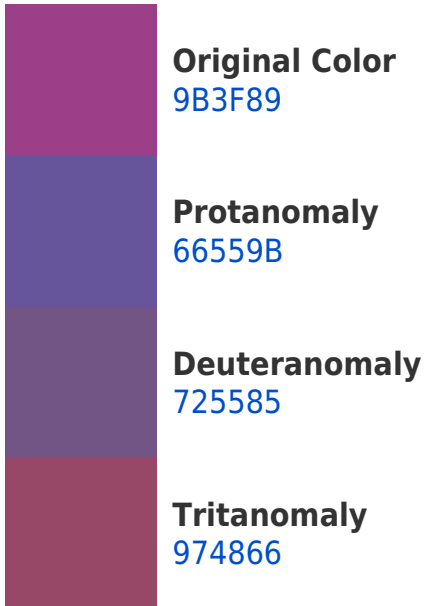
## Dichromacy



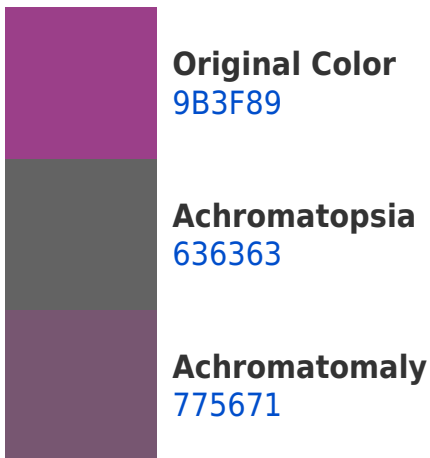


**Tritanopia**  
954D52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B3F89 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 #9B3F89 looks like.

```
.text, #text, p{  
    color:#9B3F89  
}
```

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 #9B3F89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B3F89
}
```

## Border

The CSS property to change the border of an element to Hex 9B3F89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

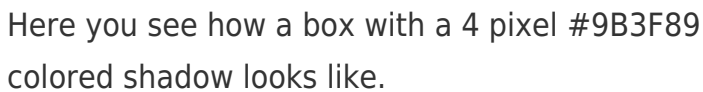
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B3F89 }
```

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

```
.border{ border-color:#9B3F89 }
```

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



Here you see how a box with a 4 pixel #9B3F89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B3F89; -webkit-box-shadow:4px 4px  
4px 4px #9B3F89; box-shadow:4px 4px 4px  
4px #9B3F89 }
```

# Background

The CSS property to change the background color of an element to Hex 9B3F89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B3F89 }
```

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

```
.background{ background-color:#9B3F89 }
```

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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