

# Converting Colors

Hex(9B3F78)

Have a look what the booklet for  
Hex(9B3F78) contains.

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**Color**

**Hex(9B3F78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B3F78
RGB	155, 63, 120
RGB Percent	61%, 25%, 47%
CMY	0.3922, 0.7529, 0.5294
CMYK	0.00, 0.59, 0.23, 0.39
HSL	323°, 42%, 43%
HSV	323°, 59%, 61%
XYZ	18.6852, 11.8796, 19.0775
YIQ	97.0060, 36.5350, 37.2310

# Conversions

## Conversions Part 2

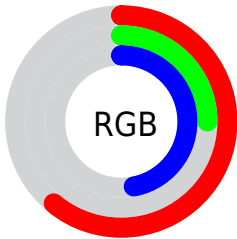
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 63, 120
Decimal	10174328
CIE <sub>Lab</sub>	41.02, 44.94, -13.60
CIE <sub>LCh</sub>	41, 46.948, 343.166
Yxy	11.8796, 0.3764, 0.2393
Android (android.graphics.Color)	4288364408 (0xFF9B3F78)
YUV	97.0060, 11.3360, 50.8607
Hunter-Lab	34.4669, 36.4518, -8.6903

# Details

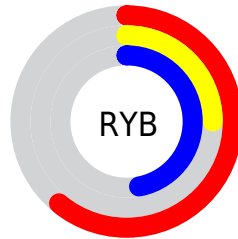
The Hex color **9B3F78** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3F9B62**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **D473AC**, and **650247** is the 20% darker color. If you saturate the color by 10%, you get **9B3072**, and if you desaturate by 10%, it is **9B4E7E**.

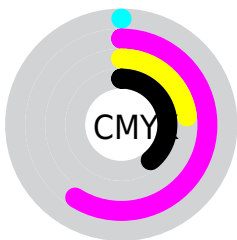
# Distribution



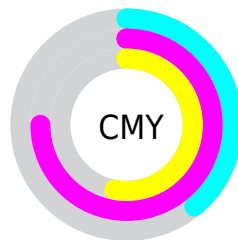
- Red (61%)
- Green (25%)
- Blue (47%)



- Red (61%)
- Yellow (25%)
- Blue (47%)



- Cyan (0%)
- Magenta (59%)
- Yellow (23%)
- Black (39%)



- Cyan (39%)
- Magenta (75%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B3F78 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 9B3F78 by changing the saturation by 10% instead.



 9B3F78

 9B3F78

FFFFFF

 80245F

 D473AC

 650247

 F18EC8

 4A0031

 FFA9E4

 33001C

 FFC5FF

 0F0000

 FFE2FF

 000000

 9B3F78

 9B3F78

 9B3072

 9B4E7E

 9B206C

 9B5E84

 9B1166

 9B6E8A

 9B0160

 9B7D90

 9B0060

 9B8C95

 9B9C9B

 9BABA1

 9BBBA7

 9BCBAD

# Harmonies

## Analogous

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



784F99



9B3F78



A63B51

# Triad

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



9B3F78



646407



007195

# Complementary

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



9B3F78



3F9B62

# 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.



007371



9B3F78



386D24

# Square

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



9B3F78



865710



007149



006BAA

# Rectangle

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



9B3F78



A24239



007149



00728A



# Sweetspot

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



9B3F78



C9A5BC



613F9B



66505D



E6E6E6



666666



# Same Dimension

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



9B3F78



C93A93



9B3F4B



4D454A



8C0057



0D0008



# Inverse Universe

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



9B3F78



C93A93



3F9B8F



4D454A



8C0057

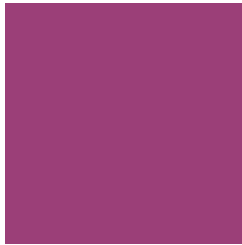


0D0008



# Previews

## White Background



This preview shows how the Hex color 9B3F78 looks on a white background.

## Color Contrast Check

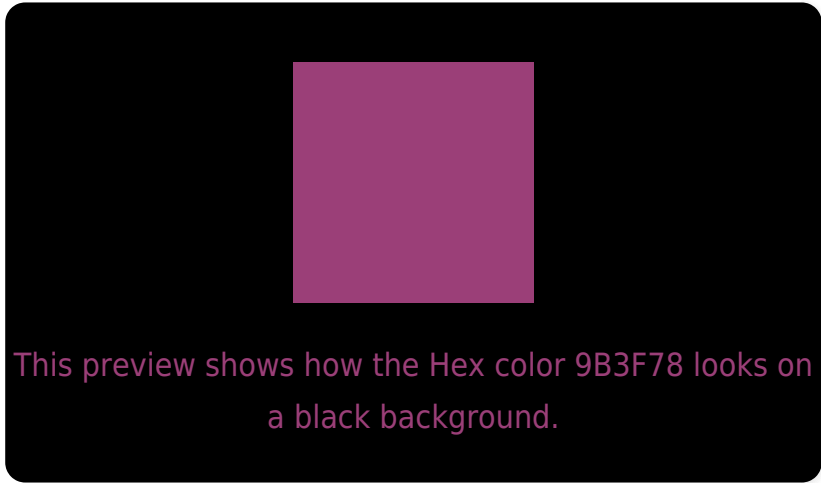
Large Text (above 18pt) WCAG AA ✓ Pass

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

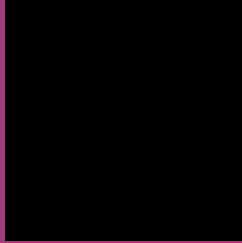
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B3F78 Background



This preview shows how black text looks on a background with the Hex color 9B3F78.

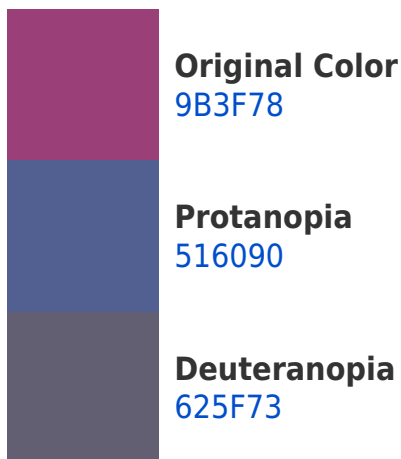



This preview shows how white text looks on a background with the Hex color 9B3F78.

# 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**  
97494E

# Trichromacy



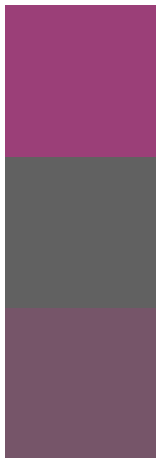
**Original Color**  
9B3F78

**Protanomaly**  
6C5487

**Deuteranomaly**  
775375

**Tritanomaly**  
98455D

# Monochromacy



**Original Color**  
9B3F78

**Achromatopsia**  
616161

**Achromatomaly**  
765569

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B3F78 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 #9B3F78 looks like.

```
.text, #text, p{  
    color:#9B3F78  
}
```

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 #9B3F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B3F78  
}
```

## Border

The CSS property to change the border of an element to Hex 9B3F78 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  
#9B3F78 }
```

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

```
.border{ border-color:#9B3F78 }
```

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

Here you see how a box with a 4 pixel #9B3F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B3F78; -webkit-box-shadow:4px 4px  
4px 4px #9B3F78; box-shadow:4px 4px 4px  
4px #9B3F78 }
```

# Background

The CSS property to change the background color of an element to Hex 9B3F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B3F78 }
```

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

```
.background{ background-color:#9B3F78 }
```

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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