

# Converting Colors

Hex(9D3A7F)

Have a look what the booklet for  
Hex(9D3A7F) contains.

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# Color

**Hex(9D3A7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D3A7F
RGB	157, 58, 127
RGB Percent	62%, 23%, 50%
CMY	0.3843, 0.7725, 0.5020
CMYK	0.00, 0.63, 0.19, 0.38
HSL	318°, 46%, 42%
HSV	318°, 63%, 62%
XYZ	19.2484, 11.7265, 21.3276
YIQ	95.4670, 36.8550, 42.4470

# Conversions

## Conversions Part 2

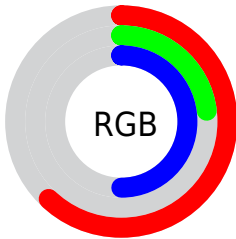
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 58, 127
Decimal	10304127
CIELab	40.78, 48.89, -18.26
CIELCh	41, 52.187, 339.521
Yxy	11.7265, 0.3680, 0.2242
Android (android.graphics.Color)	4288494207 (0xFF9D3A7F)
YUV	95.4670, 15.5458, 53.9644
Hunter-Lab	34.2440, 40.4073, -12.9558

# Details

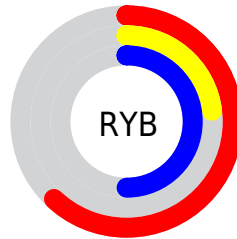
The Hex color **9D3A7F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3A9D58**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **D66FB4**, and **66004E** is the 20% darker color. If you saturate the color by 10%, you get **9D2A7A**, and if you desaturate by 10%, it is **9D4A84**.

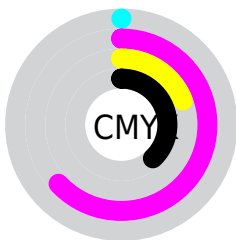
# Distribution



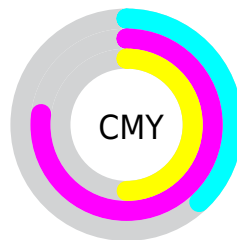
- Red (62%)
- Green (23%)
- Blue (50%)



- Red (62%)
- Yellow (23%)
- Blue (50%)



- Cyan (0%)
- Magenta (63%)
- Yellow (19%)
- Black (38%)



- Cyan (38%)
- Magenta (77%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D3A7F 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 9D3A7F by changing the saturation by 10% instead.



 9D3A7F

 9D3A7F

FFFFFF

 811E66

 D66FB4

 66004E

 F38ACF

 4C0037

 FFA6EC

 350022

 FFC2FF

 130006

 FFDEFF

 000000

 FFFCFF

 9D3A7F

 9D3A7F

 9D2A7A

 9D4A84

9D1B75

9D5989

9D0B71

9D698D

9D006D

9D7992

9D8997

9D989C

9DA8A0

9DB8A5

9DC7AA

# Harmonies

## Analogous

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



734EA3



9D3A7F



AC3354

# Triad

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



9D3A7F



686300



007296

# Complementary

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



9D3A7F



3A9D58

# 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.



00746D



9D3A7F



386C15

# Square

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



9D3A7F



8B5302



007240



006DB0

# Rectangle

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



9D3A7F



A93A39



007240



007389



# Sweetspot

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



9D3A7F



CCA5C0



583A9D



664F5F



E6E6E6



666666



# Same Dimension

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



9D3A7F



CC319D



9D3A4E



4F474D



8F0064



0F000B



# Inverse Universe

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



9D3A7F



CC319D



3A9D89



4F474D



8F0064



0F000B



# Previews

## White Background



This preview shows how the Hex color 9D3A7F looks on a white background.

## Color Contrast Check

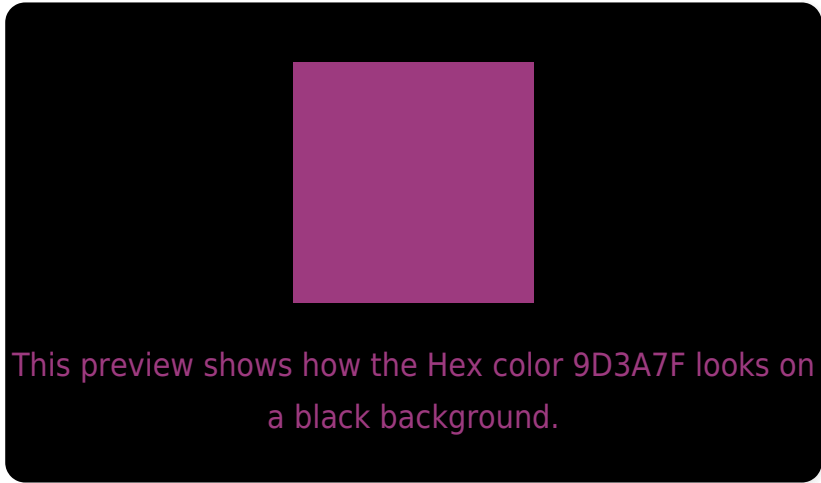
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D3A7F Background



This preview shows how black text looks on a background with the Hex color 9D3A7F.

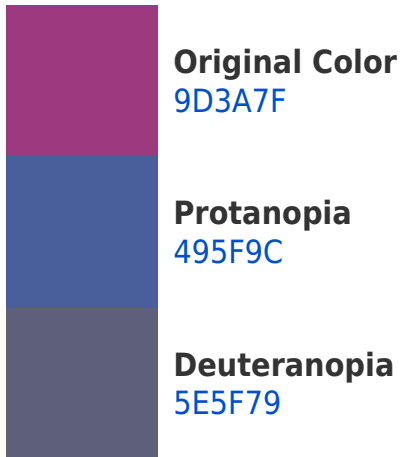



This preview shows how white text looks on a background with the Hex color 9D3A7F.

# 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**  
98474C

# Trichromacy



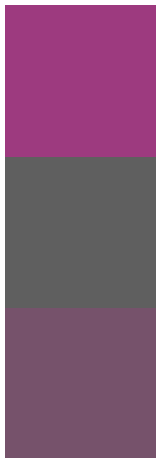
**Original Color**  
9D3A7F

**Protanomaly**  
685291

**Deuteranomaly**  
75527B

**Tritanomaly**  
9A425F

# Monochromacy



**Original Color**  
9D3A7F

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
76526B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D3A7F 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 #9D3A7F looks like.

```
.text, #text, p{  
    color:#9D3A7F  
}
```

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 #9D3A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D3A7F
}
```

## Border

The CSS property to change the border of an element to Hex 9D3A7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

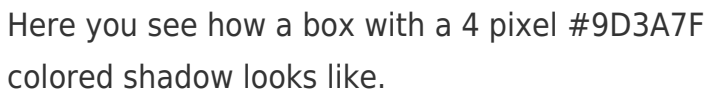
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D3A7F }
```

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

```
.border{ border-color:#9D3A7F }
```

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



Here you see how a box with a 4 pixel #9D3A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D3A7F; -webkit-box-shadow:4px 4px  
4px 4px #9D3A7F; box-shadow:4px 4px 4px  
4px #9D3A7F }
```

# Background

The CSS property to change the background color of an element to Hex 9D3A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D3A7F }
```

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

```
.background{ background-color:#9D3A7F }
```

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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