

# Converting Colors

Hex(9A3D7B)

Have a look what the booklet for  
Hex(9A3D7B) contains.

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# Color

**Hex(9A3D7B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A3D7B
RGB	154, 61, 123
RGB Percent	60%, 24%, 48%
CMY	0.3961, 0.7608, 0.5176
CMYK	0.00, 0.60, 0.20, 0.40
HSL	320°, 43%, 42%
HSV	320°, 60%, 60%
XYZ	18.5703, 11.6376, 20.0064
YIQ	95.8750, 35.5260, 38.9980

# Conversions

## Conversions Part 2

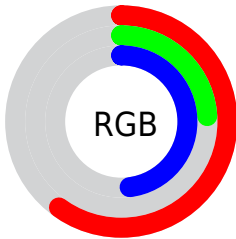
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 61, 123
Decimal	10108283
CIE <sub>Lab</sub>	40.63, 46.02, -16.06
CIE <sub>LCh</sub>	41, 48.741, 340.766
Yxy	11.6376, 0.3698, 0.2318
Android (android.graphics.Color)	4288298363 (0xFF9A3D7B)
YUV	95.8750, 13.3726, 50.9756
Hunter-Lab	34.1139, 37.4694, -10.8914

# Details

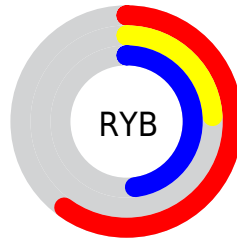
The Hex color **9A3D7B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3D9A5C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D371B0**, and **64004A** is the 20% darker color. If you saturate the color by 10%, you get **9A2E76**, and if you desaturate by 10%, it is **9A4C80**.

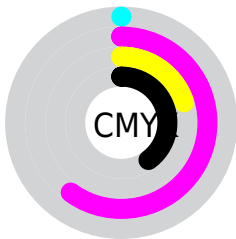
# Distribution



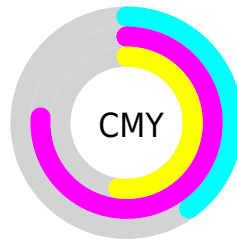
- Red (60%)
- Green (24%)
- Blue (48%)



- Red (60%)
- Yellow (24%)
- Blue (48%)



- Cyan (0%)
- Magenta (60%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (76%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A3D7B 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 9A3D7B by changing the saturation by 10% instead.



 9A3D7B

 9A3D7B

FFFFFF

 7F2262

 D371B0

 64004A

 F08CCB

 4A0033

 FFA8E7

 33001F

 FFC4FF

 0E0000

 FFE0FF

 000000

 FFFDFD

 9A3D7B

 9A3D7B

 9A2E76

 9A4C80

9A1E71

9A5C85

9A0F6C

9A6B8A

9A0067

9A7B90

9A8A95

9A999A

9AA99F

9AB8A4

9AC8A9

# Harmonies

## Analogous

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



744F9D



9A3D7B



A73753

# Triad

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



9A3D7B



666200



007193

# Complementary

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



9A3D7B



3D9A5C

# 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.



00726E



9A3D7B



3A6C1D

# Square

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



9A3D7B



88540C



007144



006BAB

# Rectangle

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



9A3D7B



A43E39



007144



007288



# Sweetspot

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



9A3D7B



C9A5BD



5C3D9A



66505F



E6E6E6



666666



# Same Dimension

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



9A3D7B



C93899



9A3D4D



4D454A



8C005E



0D0009



# Inverse Universe

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



9A3D7B



C93899



3D9A8A



4D454A



8C005E



0D0009



# Previews

## White Background



This preview shows how the Hex color 9A3D7B looks on a white background.

## Color Contrast Check

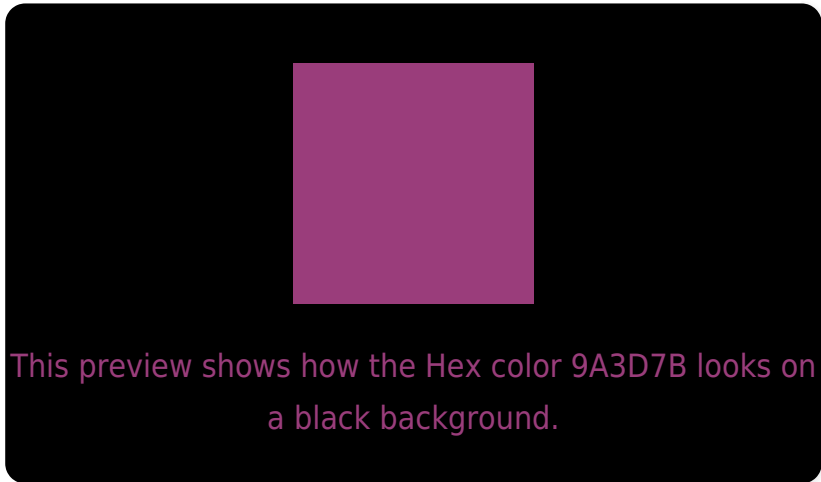
Large Text (above 18pt) WCAG AA ✓ Pass

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

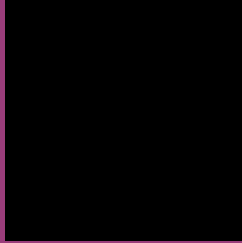
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A3D7B Background



This preview shows how black text looks on a background with the Hex color 9A3D7B.

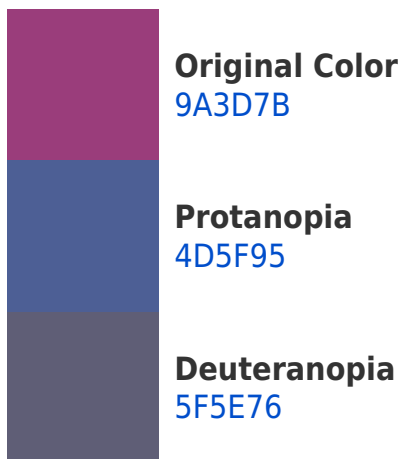



This preview shows how white text looks on a background with the Hex color 9A3D7B.

# 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](#).

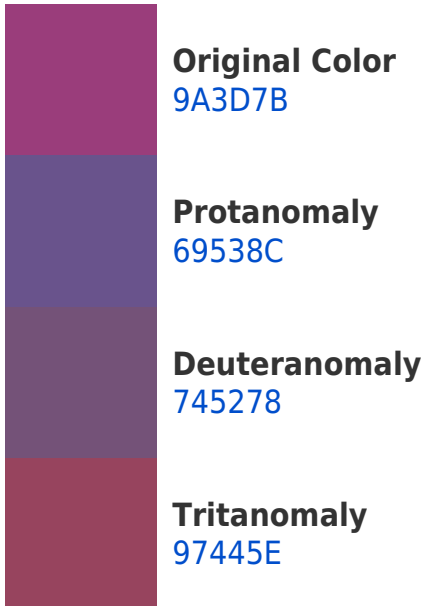
## Dichromacy



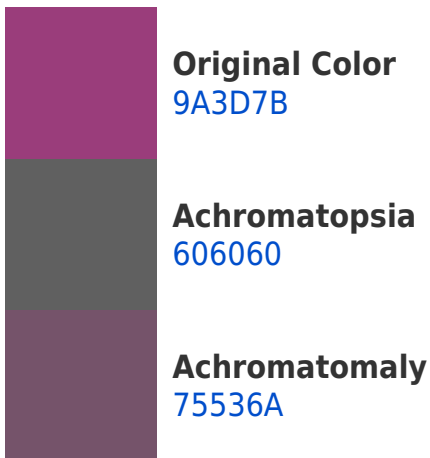


**Tritanopia**  
96484D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A3D7B 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 #9A3D7B looks like.

```
.text, #text, p{  
    color:#9A3D7B  
}
```

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 #9A3D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3D7B  
}
```

## Border

The CSS property to change the border of an element to Hex 9A3D7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

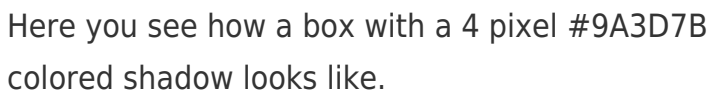
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9A3D7B }
```

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

```
.border{ border-color:#9A3D7B }
```

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



Here you see how a box with a 4 pixel #9A3D7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3D7B; -webkit-box-shadow:4px 4px  
4px 4px #9A3D7B; box-shadow:4px 4px 4px  
4px #9A3D7B }
```

# Background

The CSS property to change the background color of an element to Hex 9A3D7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3D7B }
```

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

```
.background{ background-color:#9A3D7B }
```

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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