

# Converting Colors

Hex(9A3B99)

Have a look what the booklet for  
Hex(9A3B99) contains.

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# Color

**Hex(9A3B99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A3B99
RGB	154, 59, 153
RGB Percent	60%, 23%, 60%
CMY	0.3961, 0.7686, 0.4000
CMYK	0.00, 0.62, 0.01, 0.40
HSL	301°, 45%, 42%
HSV	301°, 62%, 60%
XYZ	20.6402, 12.2979, 31.4229
YIQ	98.1210, 26.4460, 49.3740

# Conversions

## Conversions Part 2

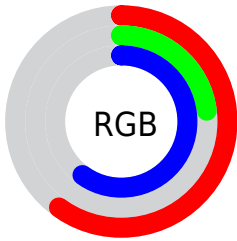
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 59, 153
Decimal	10107801
CIE <sub>Lab</sub>	41.69, 51.89, -32.71
CIE <sub>LCh</sub>	42, 61.339, 327.774
Yxy	12.2979, 0.3207, 0.1911
Android (android.graphics.Color)	4288297881 (0xFF9A3B99)
YUV	98.1210, 27.0553, 49.0059
Hunter-Lab	35.0683, 43.6902, -28.5788

# Details

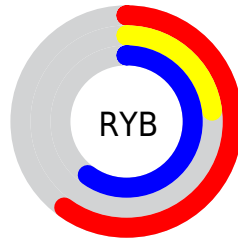
The Hex color **9A3B99** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3B9A3C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **D370D0**, and **640065** is the 20% darker color. If you saturate the color by 10%, you get **9A2C99**, and if you desaturate by 10%, it is **9A4A99**.

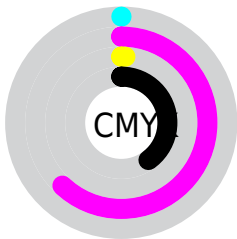
# Distribution



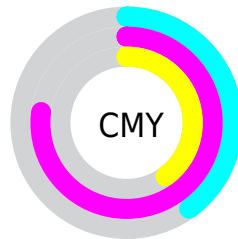
- Red (60%)
- Green (23%)
- Blue (60%)



- Red (60%)
- Yellow (23%)
- Blue (60%)



- Cyan (0%)
- Magenta (62%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (77%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A3B99 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 9A3B99 by changing the saturation by 10% instead.



 9A3B99

 9A3B99

FFFFFF

 7F1E7F

 D370D0

 640065

 F08CEC

 49004D

 FFA7FF

 320036

 FFC3FF

 120020

 FFE0FF

 000003

 FFFDFF

 000000

 9A3B99

 9A3B99

 9A2C99

 9A4A99

■ 9A1C99

■ 9A5A99

■ 9A0D99

■ 9A6999

■ 9A0098

■ 9A799A

■ 9A889A

■ 9A979A

■ 9AA79A

■ 9AB69A

■ 9AC69A

# Harmonies

## Analogous

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



5457BD



9A3B99



B72468

# Triad

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



9A3B99



7B5F00



007890

# Complementary

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



9A3B99



3B9A3C

# 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.



00785D



9A3B99



496D00

# Square

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



9A3B99



A04900



007428



0074B8

# Rectangle

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



9A3B99



BA2747



007428



007880



# Sweetspot

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



9A3B99



C9A3C9



3B3B9A



664F66



E6E6E6



666666



# Same Dimension

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



9A3B99



C934C8



9A3B6B



4D454C



8C008B



0D000D



# Inverse Universe

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



9A3B99



C934C8



3B9A6B



4D454C



8C008B



0D000D



# Previews

## White Background



This preview shows how the Hex color 9A3B99 looks on a white background.

## Color Contrast Check

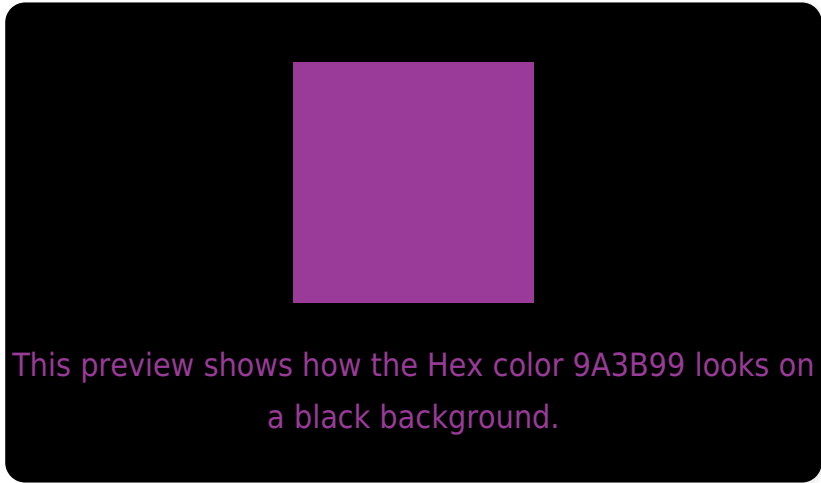
Large Text (above 18pt) WCAG AA ✓ Pass

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

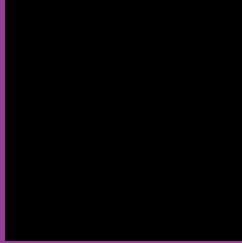
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A3B99 Background



This preview shows how black text looks on a background with the Hex color 9A3B99.

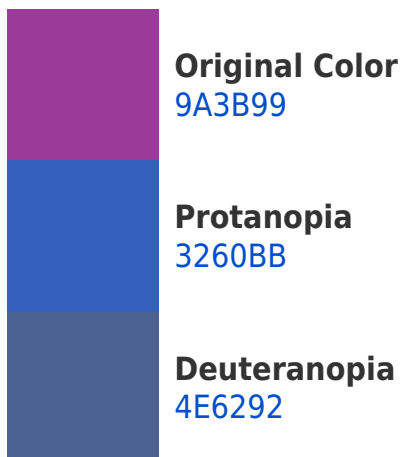


This preview shows how white text looks on a background with the Hex color 9A3B99.

# 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](#).

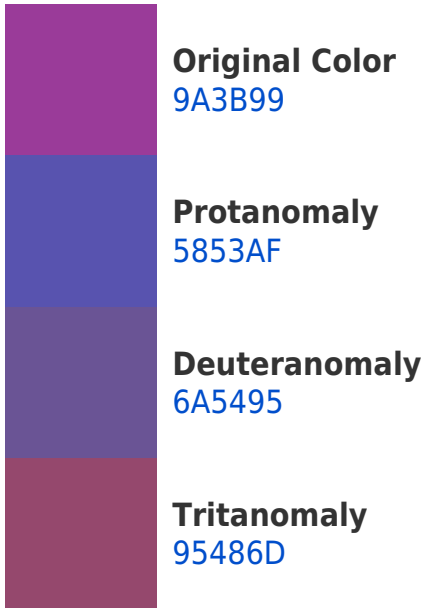
## Dichromacy



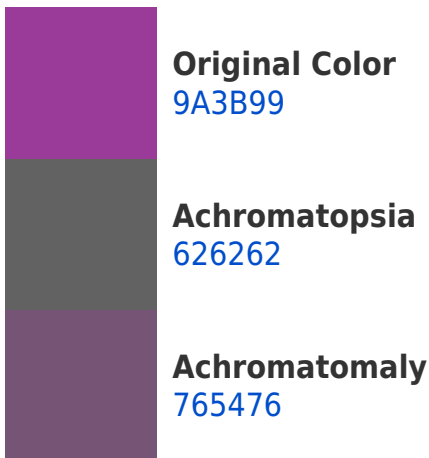


**Tritanopia**  
924F54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A3B99 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 #9A3B99 looks like.

```
.text, #text, p{  
    color:#9A3B99  
}
```

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 #9A3B99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3B99
}
```

## Border

The CSS property to change the border of an element to Hex 9A3B99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

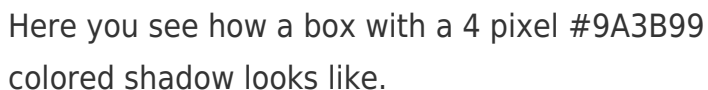
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A3B99 }
```

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

```
.border{ border-color:#9A3B99 }
```

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



Here you see how a box with a 4 pixel #9A3B99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3B99; -webkit-box-shadow:4px 4px  
4px 4px #9A3B99; box-shadow:4px 4px 4px  
4px #9A3B99 }
```

# Background

The CSS property to change the background color of an element to Hex 9A3B99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3B99 }
```

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

```
.background{ background-color:#9A3B99 }
```

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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