

# Converting Colors

Hex(9A3C66)

Have a look what the booklet for  
Hex(9A3C66) contains.

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# Color

**Hex(9A3C66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A3C66
RGB	154, 60, 102
RGB Percent	60%, 24%, 40%
CMY	0.3961, 0.7647, 0.6000
CMYK	0.00, 0.61, 0.34, 0.40
HSL	333°, 44%, 42%
HSV	333°, 61%, 60%
XYZ	17.3406, 11.0611, 13.7914
YIQ	92.8940, 42.5420, 32.9900

# Conversions

## Conversions Part 2

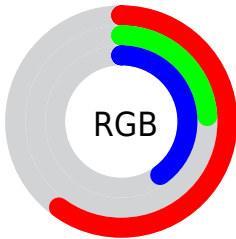
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 60, 102
Decimal	10108006
CIE <sub>Lab</sub>	39.68, 43.57, -4.44
CIE <sub>LCh</sub>	40, 43.794, 354.186
Yxy	11.0611, 0.4110, 0.2622
Android (android.graphics.Color)	4288298086 (0xFF9A3C66)
YUV	92.8940, 4.4893, 53.5900
Hunter-Lab	33.2582, 34.8668, -1.3055

# Details

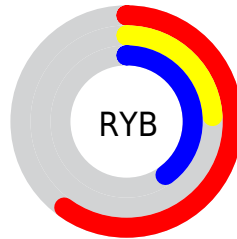
The Hex color **9A3C66** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3C9A70**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **D37099**, and **630037** is the 20% darker color. If you saturate the color by 10%, you get **9A2D5D**, and if you desaturate by 10%, it is **9A4B6F**.

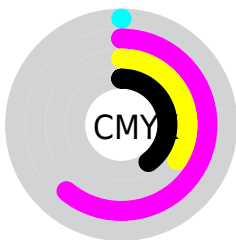
# Distribution



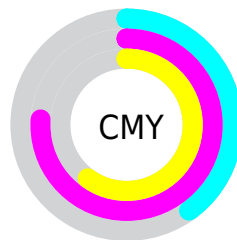
- Red (60%)
- Green (24%)
- Blue (40%)



- Red (60%)
- Yellow (24%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (34%)
- Black (40%)



- Cyan (40%)
- Magenta (76%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A3C66 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 9A3C66 by changing the saturation by 10% instead.



 9A3C66

 9A3C66

FFFFFF

 7E214E

 D37099

 630037

 F18BB4

 490022

 FFA6CF

 32000B

 FFC2EB

 000000

 FFDEFF

 FFFCFF

 9A3C66

 9A3C66

 9A2D5D

 9A4B6F

■ 9A1D55

■ 9A5B77

■ 9A0E4C

■ 9A6A80

■ 9A0045

■ 9A7A88

■ 9A8991

■ 9A9899

■ 9AA8A2

■ 9AB7AA

■ 9AC7B3

# Harmonies

## Analogous

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



824788



9A3C66



9D3E42

# Triad

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



9A3C66



546415



006B97

# Complementary

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



9A3C66



3C9A70

# 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.



006E7A



9A3C66



236B31

# Square

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



9A3C66



76590E



006E55



0064A5

# Rectangle

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



9A3C66



96462D



006E55



006D8F



# Sweetspot

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



9A3C66



C9A5B5



703C9A



66505A



E6E6E6



666666



# Same Dimension

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



9A3C66



C93678



9A413C



4D4548



8C003F



0D0006



# Inverse Universe

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



9A3C66



C93678



3C959A



4D4548



8C003F

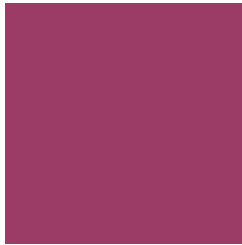


0D0006



# Previews

## White Background



This preview shows how the Hex color 9A3C66 looks on a white background.

## Color Contrast Check

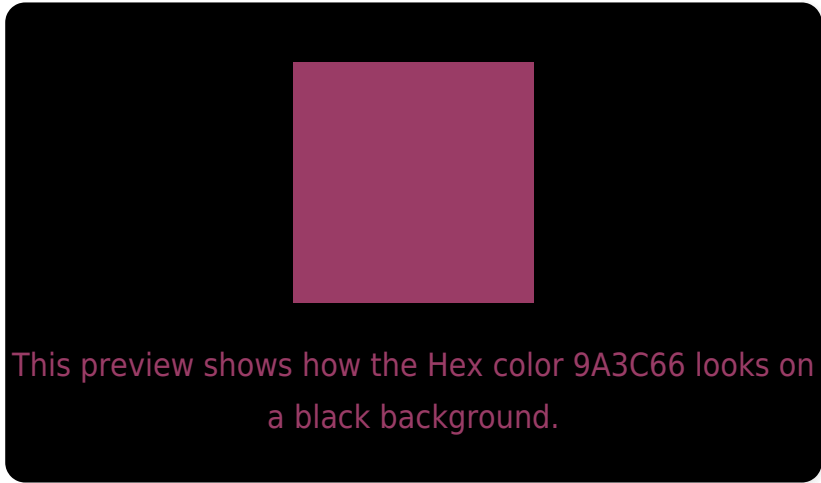
Large Text (above 18pt) WCAG AA ✓ Pass

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

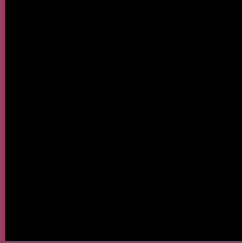
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A3C66 Background



This preview shows how black text looks on a background with the Hex color 9A3C66.



This preview shows how white text looks on a background with the Hex color 9A3C66.

# 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**  
984347

# Trichromacy



**Original Color**  
9A3C66

**Protanomaly**  
6F5174

**Deuteranomaly**  
795063

**Tritanomaly**  
994052

# Monochromacy



**Original Color**  
9A3C66

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
735160

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A3C66 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 #9A3C66 looks like.

```
.text, #text, p{  
    color:#9A3C66  
}
```

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 #9A3C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3C66
}
```

## Border

The CSS property to change the border of an element to Hex 9A3C66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

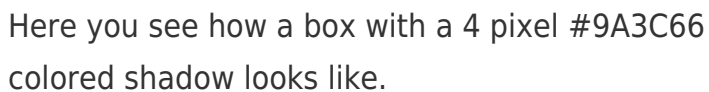
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A3C66 }
```

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

```
.border{ border-color:#9A3C66 }
```

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



Here you see how a box with a 4 pixel #9A3C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3C66; -webkit-box-shadow:4px 4px  
4px 4px #9A3C66; box-shadow:4px 4px 4px  
4px #9A3C66 }
```

# Background

The CSS property to change the background color of an element to Hex 9A3C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3C66 }
```

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

```
.background{ background-color:#9A3C66 }
```

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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