

# Converting Colors

Hex(9A3970)

Have a look what the booklet for  
Hex(9A3970) contains.

<b>Hex(9A3970)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(9A3970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A3970
RGB	154, 57, 112
RGB Percent	60%, 22%, 44%
CMY	0.3961, 0.7765, 0.5608
CMYK	0.00, 0.63, 0.27, 0.40
HSL	326°, 46%, 41%
HSV	326°, 63%, 60%
XYZ	17.7142, 10.9661, 16.5123
YIQ	92.2730, 40.1570, 37.6690

# Conversions

## Conversions Part 2

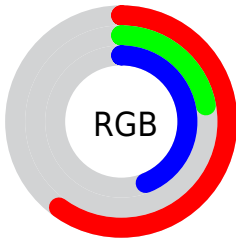
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	154, 57, 112
Decimal	10107248
CIE <sub>Lab</sub>	39.52, 46.28, -10.92
CIE <sub>LCh</sub>	40, 47.551, 346.718
Yxy	10.9661, 0.3920, 0.2427
Android (android.graphics.Color)	4288297328 (0xFF9A3970)
YUV	92.2730, 9.7254, 54.1346
Hunter-Lab	33.1152, 37.5329, -6.3833

# Details

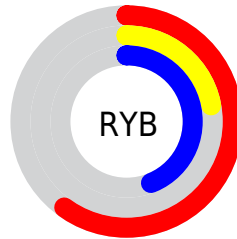
The Hex color **9A3970** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **399A63**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **D36EA4**, and **630040** is the 20% darker color. If you saturate the color by 10%, you get **9A2A69**, and if you desaturate by 10%, it is **9A4877**.

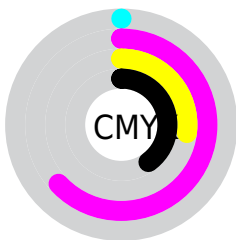
# Distribution



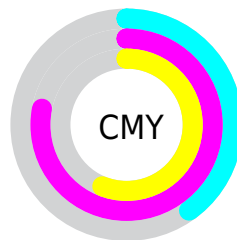
- Red (60%)
- Green (22%)
- Blue (44%)



- Red (60%)
- Yellow (22%)
- Blue (44%)



- Cyan (0%)
- Magenta (63%)
- Yellow (27%)
- Black (40%)



- Cyan (40%)
- Magenta (78%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A3970 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 9A3970 by changing the saturation by 10% instead.



 9A3970

 9A3970

FFFFFF

 7E1D58

 D36EA4

 630040

 F088BF

 49002A

 FFA4DB

 320016

 FFC0F7

 030000

 FFDCFF

 000000

 FFF9FF

 9A3970

 9A3970

 9A2A69

 9A4877

■ 9A1A63

■ 9A587D

■ 9A0B5C

■ 9A6784

■ 9A0057

■ 9A778B

■ 9A8691

■ 9A9598

■ 9AA59F

■ 9AB4A5

■ 9AC4AC

# Harmonies

## Analogous

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



7A4993



9A3970



A23749

# Triad

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



9A3970



5C6202



006D95

# Complementary

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



9A3970



399A63

# 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.



006F72



9A3970



2D6A24

# Square

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



9A3970



7E5505



006E4A



0066A9

# Rectangle

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



9A3970



9D3F31



006E4A



006E8B



# Sweetspot

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



9A3970



C9A3B9



61399A



664F5C



E6E6E6



666666



# Same Dimension

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



9A3970



C93087



9A3941



4D4549



8C0050



0D0007



# Inverse Universe

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



9A3970



C93087



399A92



4D4549



8C0050



0D0007



# Previews

## White Background



This preview shows how the Hex color 9A3970 looks on a white background.

## Color Contrast Check

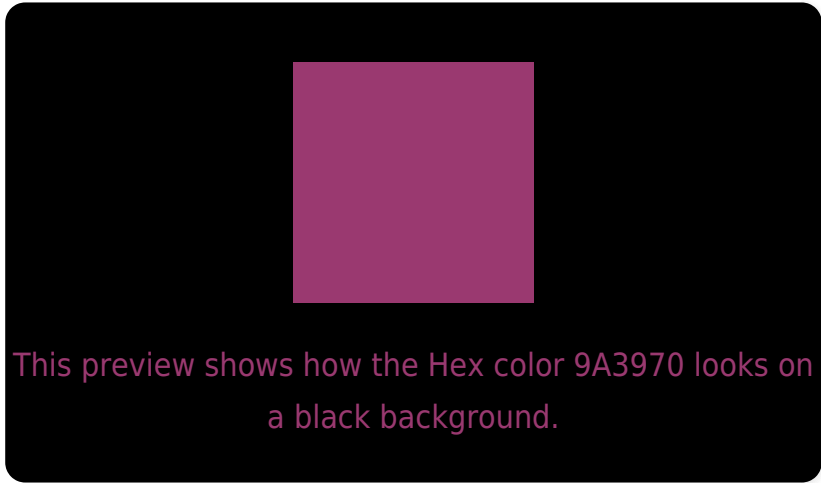
Large Text (above 18pt) WCAG AA ✓ Pass

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

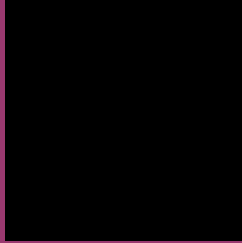
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A3970 Background



This preview shows how black text looks on a background with the Hex color 9A3970.

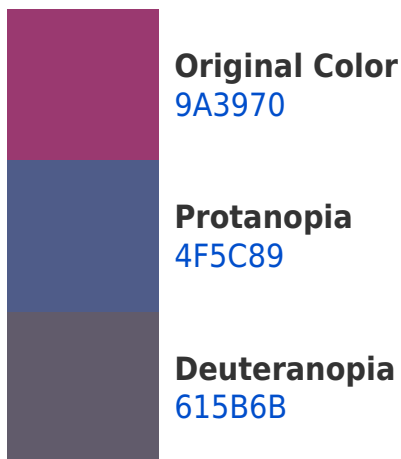



This preview shows how white text looks on a background with the Hex color 9A3970.

# 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**  
974347

# Trichromacy



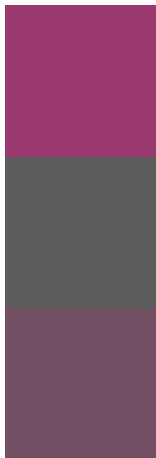
**Original Color**  
9A3970

**Protanomaly**  
6A4F80

**Deuteranomaly**  
764F6D

**Tritanomaly**  
983F56

# Monochromacy



**Original Color**  
9A3970

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
734F63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A3970 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 #9A3970 looks like.

```
.text, #text, p{  
    color:#9A3970  
}
```

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 #9A3970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3970
}
```

## Border

The CSS property to change the border of an element to Hex 9A3970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

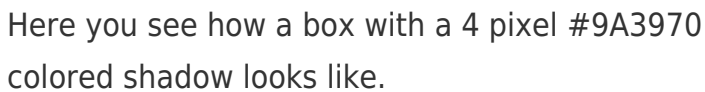
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A3970 }
```

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

```
.border{ border-color:#9A3970 }
```

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



Here you see how a box with a 4 pixel #9A3970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3970; -webkit-box-shadow:4px 4px  
4px 4px #9A3970; box-shadow:4px 4px 4px  
4px #9A3970 }
```

# Background

The CSS property to change the background color of an element to Hex 9A3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3970 }
```

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

```
.background{ background-color:#9A3970 }
```

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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