

# Converting Colors

Hex(9F3C70)

Have a look what the booklet for  
Hex(9F3C70) contains.

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**Color**

**Hex(9F3C70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F3C70
RGB	159, 60, 112
RGB Percent	62%, 24%, 44%
CMY	0.3765, 0.7647, 0.5608
CMYK	0.00, 0.62, 0.30, 0.38
HSL	328°, 45%, 43%
HSV	328°, 62%, 62%
XYZ	18.8386, 11.7725, 16.6087
YIQ	95.5290, 42.3120, 37.1600

# Conversions

## Conversions Part 2

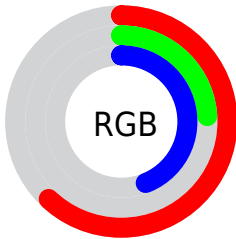
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 60, 112
Decimal	10435696
CIE <sub>Lab</sub>	40.85, 46.47, -8.84
CIE <sub>LCh</sub>	41, 47.304, 349.229
Yxy	11.7725, 0.3990, 0.2493
Android (android.graphics.Color)	4288625776 (0xFF9F3C70)
YUV	95.5290, 8.1202, 55.6641
Hunter-Lab	34.3111, 37.9614, -4.6822

# Details

The Hex color **9F3C70** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3C9F6B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **D871A4**, and **680040** is the 20% darker color. If you saturate the color by 10%, you get **9F2C68**, and if you desaturate by 10%, it is **9F4C78**.

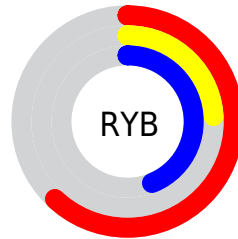
# Distribution



Red (62%)

Green (24%)

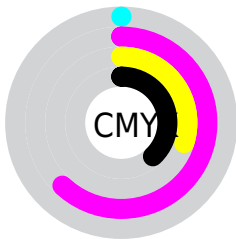
Blue (44%)



Red (62%)

Yellow (24%)

Blue (44%)

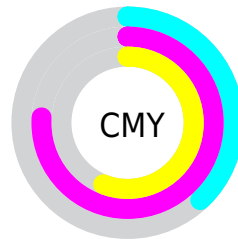


Cyan (0%)

Magenta (62%)

Yellow (30%)

Black (38%)



Cyan (38%)

Magenta (76%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F3C70 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 9F3C70 by changing the saturation by 10% instead.



 9F3C70

 9F3C70

FFFFFF

 832058

 D871A4

 680040


 F68CBF

 4D002A

 FFA7DB

 360016

 FFC3F7

 110000

 FFE0FF

 000000

 FFFDFD

 9F3C70

 9F3C70

 9F2C68

 9F4C78

 9F1C61

 9F5C7F

 9F0C59

 9F6C87

 9F0054

 9F7C8E

 9F8C96

 9F9B9D

 9FABA5

 9FBAC

 9FCBB4

# Harmonies

## Analogous

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



814B93



9F3C70



A63C49

# Triad

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



9F3C70



5C660A



00709A

# Complementary

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



9F3C70



3C9F6B

# 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.



007279



9F3C70



2B6E2A

# Square

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



9F3C70



7F5909



007251



0069AD

# Rectangle

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



9F3C70



9F4431



007251



007191



# Sweetspot

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



9F3C70



CFA7BC



6A3C9F



69515D



E8E8E8



696969



# Same Dimension

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



9F3C70



CF3485



9F3C3F



4F474B



8F004B



0F0008



# Inverse Universe

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



9F3C70



CF3485



3C9F9C



4F474B



8F004B



0F0008



# Previews

## White Background



This preview shows how the Hex color 9F3C70 looks on a white background.

## Color Contrast Check

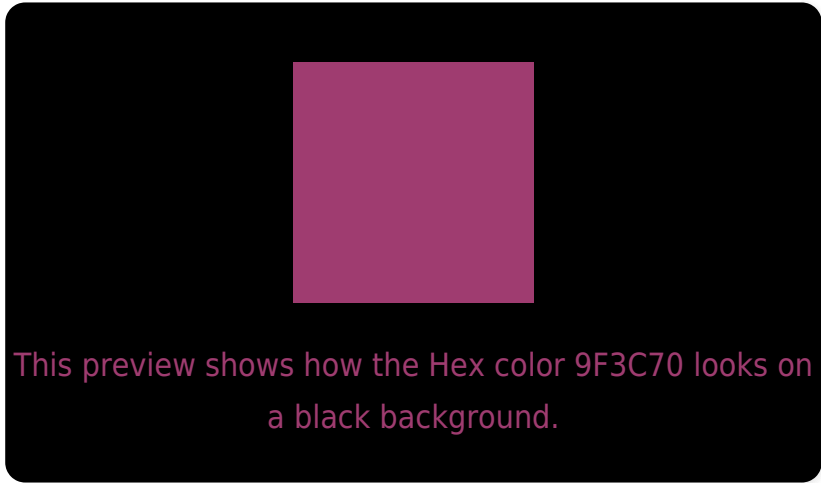
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F3C70 Background



This preview shows how black text looks on a background with the Hex color 9F3C70.



This preview shows how white text looks on a background with the Hex color 9F3C70.

# 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](#).

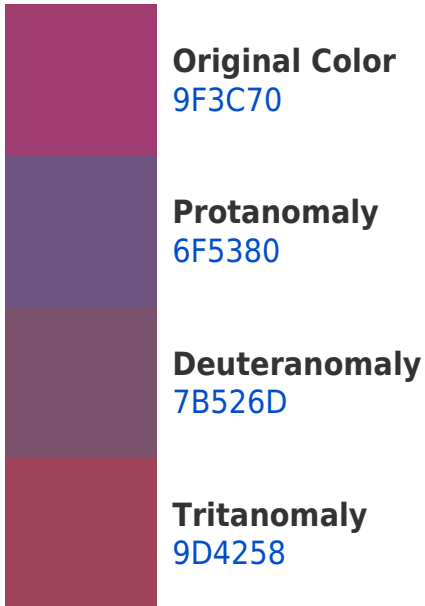
## Dichromacy



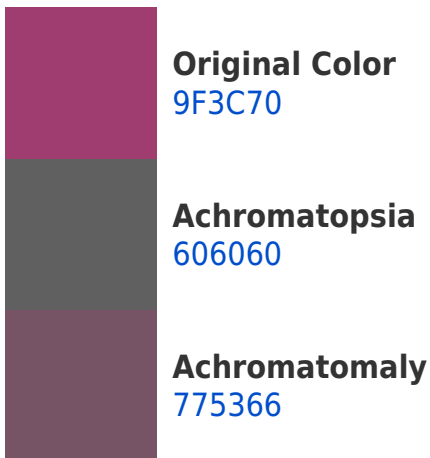


**Tritanopia**  
9C454A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F3C70 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 #9F3C70 looks like.

```
.text, #text, p{  
    color:#9F3C70  
}
```

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 #9F3C70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F3C70
}
```

## Border

The CSS property to change the border of an element to Hex 9F3C70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

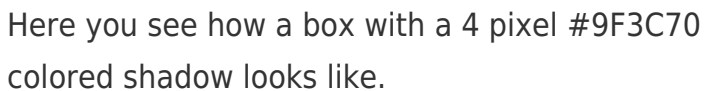
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F3C70 }
```

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

```
.border{ border-color:#9F3C70 }
```

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



Here you see how a box with a 4 pixel #9F3C70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F3C70; -webkit-box-shadow:4px 4px  
4px 4px #9F3C70; box-shadow:4px 4px 4px  
4px #9F3C70 }
```

# Background

The CSS property to change the background color of an element to Hex 9F3C70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F3C70 }
```

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

```
.background{ background-color:#9F3C70 }
```

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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