

# Converting Colors

Hex(9E3E74)

Have a look what the booklet for  
Hex(9E3E74) contains.

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**Color**

**Hex(9E3E74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E3E74
RGB	158, 62, 116
RGB Percent	62%, 24%, 45%
CMY	0.3804, 0.7569, 0.5451
CMYK	0.00, 0.61, 0.27, 0.38
HSL	326°, 44%, 43%
HSV	326°, 61%, 62%
XYZ	18.9756, 11.9753, 17.8343
YIQ	96.8600, 39.8820, 37.1460

# Conversions

## Conversions Part 2

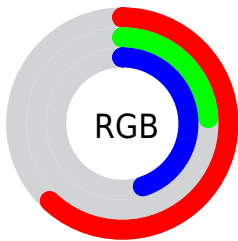
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	158, 62, 116
Decimal	10370676
CIE Lab	41.18, 45.78, -10.85
CIE LCh	41, 47.044, 346.669
Yxy	11.9753, 0.3890, 0.2455
Android (android.graphics.Color)	4288560756 (0xFF9E3E74)
YUV	96.8600, 9.4360, 53.6198
Hunter-Lab	34.6054, 37.3196, -6.3322

# Details

The Hex color **9E3E74** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3E9E68**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **D773A8**, and **670044** is the 20% darker color. If you saturate the color by 10%, you get **9E2E6D**, and if you desaturate by 10%, it is **9E4E7B**.

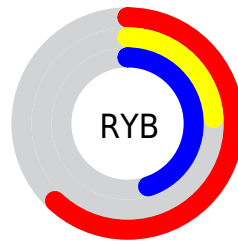
# Distribution



Red (62%)

Green (24%)

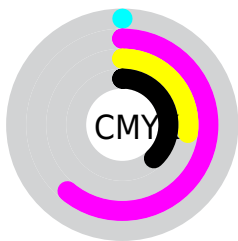
Blue (45%)



Red (62%)

Yellow (24%)

Blue (45%)

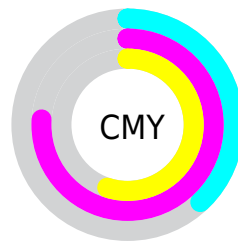


Cyan (0%)

Magenta (61%)

Yellow (27%)

Black (38%)



Cyan (38%)

Magenta (76%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E3E74 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 9E3E74 by changing the saturation by 10% instead.



 9E3E74

 9E3E74

FFFFFF

 82235B

 D773A8

 670044

 F58DC3

 4D002E

 FFA9DF

 350019

 FFC5FC

 120000

 FFE1FF

 000000

 9E3E74

 9E3E74

 9E2E6D

 9E4E7B

 9E1E66

 9E5E82

 9E0F5F

 9E6D89

 9E0059

 9E7D90

 9E8D97

 9E9D9D

 9EADA4

 9EBCAB

 9ECCB2

# Harmonies

## Analogous

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



7E4D97



9E3E74



A73C4D

# Triad

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



9E3E74



60660A



007199

# Complementary

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



9E3E74



3E9E68

# 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.



007376



9E3E74



326E28

# Square

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



9E3E74



83590D



00724E



006AAC

# Rectangle

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



9E3E74



A14435



00724E



00728E



# Sweetspot

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



9E3E74



CFA9BE



683E9E



69525E



E8E8E8



696969



# Same Dimension

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



9E3E74



CF388D



9E3E44



4F474C



8F0050



0F0009



# Inverse Universe

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



9E3E74



CF388D



3E9E98



4F474C



8F0050

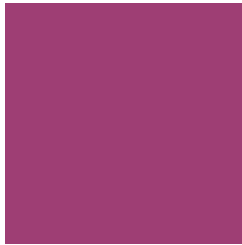


0F0009



# Previews

## White Background



This preview shows how the Hex color 9E3E74 looks on a white background.

## Color Contrast Check

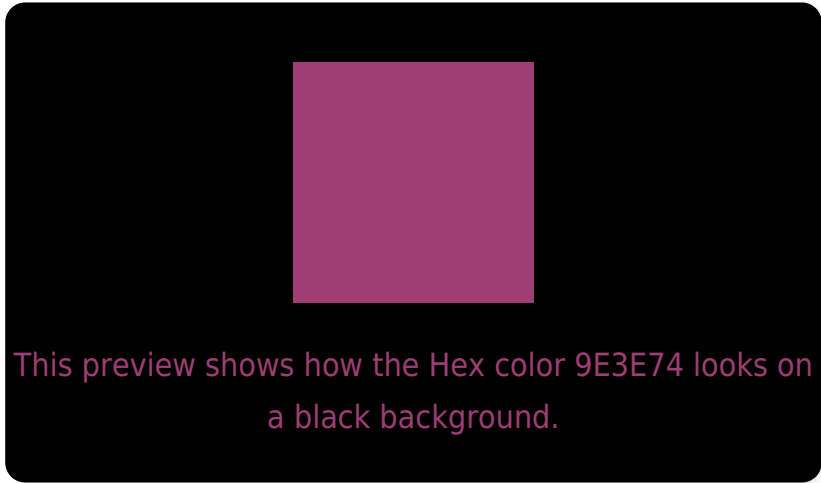
Large Text (above 18pt) WCAG AA ✓ Pass

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

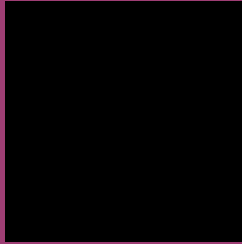
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E3E74 Background



This preview shows how black text looks on a background with the Hex color 9E3E74.

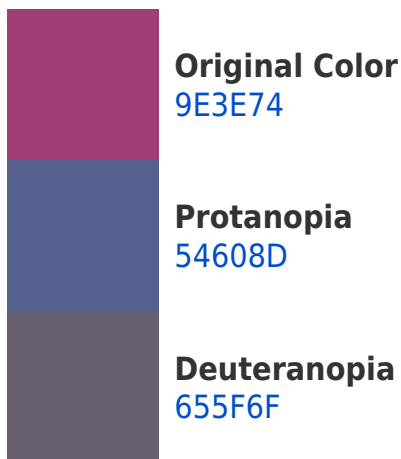



This preview shows how white text looks on a background with the Hex color 9E3E74.

# 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**  
9B474C

# Trichromacy



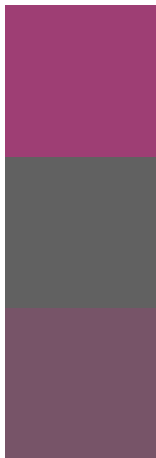
**Original Color**  
9E3E74

**Protanomaly**  
6F5484

**Deuteranomaly**  
7A5371

**Tritanomaly**  
9C445B

# Monochromacy



**Original Color**  
9E3E74

**Achromatopsia**  
616161

**Achromatomaly**  
775468

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E3E74 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 #9E3E74 looks like.

```
.text, #text, p{  
    color:#9E3E74  
}
```

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 #9E3E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E3E74
}
```

## Border

The CSS property to change the border of an element to Hex 9E3E74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

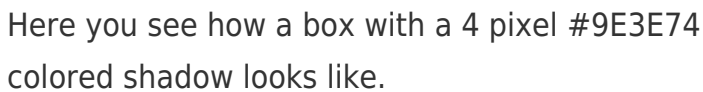
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E3E74 }
```

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

```
.border{ border-color:#9E3E74 }
```

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



Here you see how a box with a 4 pixel #9E3E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E3E74; -webkit-box-shadow:4px 4px  
4px 4px #9E3E74; box-shadow:4px 4px 4px  
4px #9E3E74 }
```

# Background

The CSS property to change the background color of an element to Hex 9E3E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E3E74 }
```

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

```
.background{ background-color:#9E3E74 }
```

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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