

# Converting Colors

Hex(99273F)

Have a look what the booklet for  
Hex(99273F) contains.

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# Color

**Hex(99273F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99273F
RGB	153, 39, 63
RGB Percent	60%, 15%, 25%
CMY	0.4000, 0.8471, 0.7529
CMYK	0.00, 0.75, 0.59, 0.40
HSL	347°, 59%, 38%
HSV	347°, 75%, 60%
XYZ	14.7596, 8.5822, 5.5812
YIQ	75.8220, 60.2400, 31.6320

# Conversions

## Conversions Part 2

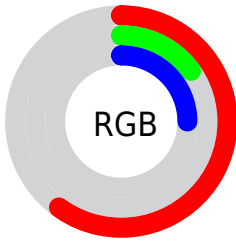
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 39, 63
Decimal	10037055
CIELab	35.17, 48.20, 13.93
CIELCh	35, 50.173, 16.114
Yxy	8.5822, 0.5103, 0.2967
Android (android.graphics.Color)	4288227135 (0xFF99273F)
YUV	75.8220, -6.3212, 67.6851
Hunter-Lab	29.2954, 38.6647, 9.2111

# Details

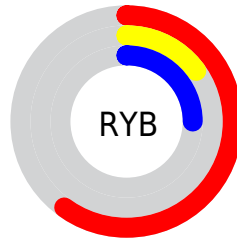
The Hex color **99273F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **279981**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **D45E6E**, and **600015** is the 20% darker color. If you saturate the color by 10%, you get **991833**, and if you desaturate by 10%, it is **99364B**.

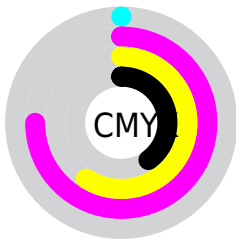
# Distribution



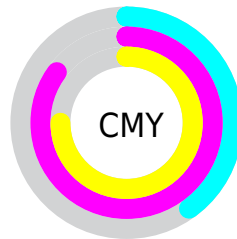
- Red (60%)
- Green (15%)
- Blue (25%)



- Red (60%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (75%)
- Yellow (59%)
- Black (40%)



- Cyan (40%)
- Magenta (85%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99273F 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 99273F by changing the saturation by 10% instead.



 99273F

 99273F

FFFFFF

 7C0129

 D45E6E

 600015

 F27888

 440000

 FF94A2

 280001

 FFAFBD

 000000

 FFCCD9

 FFE9F5

 99273F

 99273F

 991833

 99364B

990827

994657

990020

995563

99646F

99737B

998387

999294

99A1A0

99B1AC

# Harmonies

## Analogous

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



902A67



99273F



8E3819

# Triad

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



99273F



1D5F14



005DA1

# Complementary

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



99273F



279981

# 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.



00638C



99273F



00633E

# Square

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



99273F



505700



006568



1F50A0

# Rectangle

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



99273F



7E4400



006568



005F9C



# Sweetspot

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



99273F



C79BA4



802799



634A4F



E3E3E3



636363



# Same Dimension

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



99273F



C7163B



994727



4D4546



8C001E



0D0003



# Inverse Universe

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



99273F



C7163B



277999



4D4546



8C001E

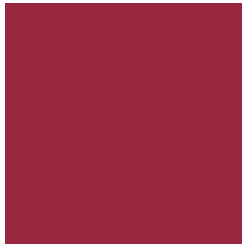


0D0003



# Previews

## White Background



This preview shows how the Hex color 99273F looks on a white background.

## Color Contrast Check

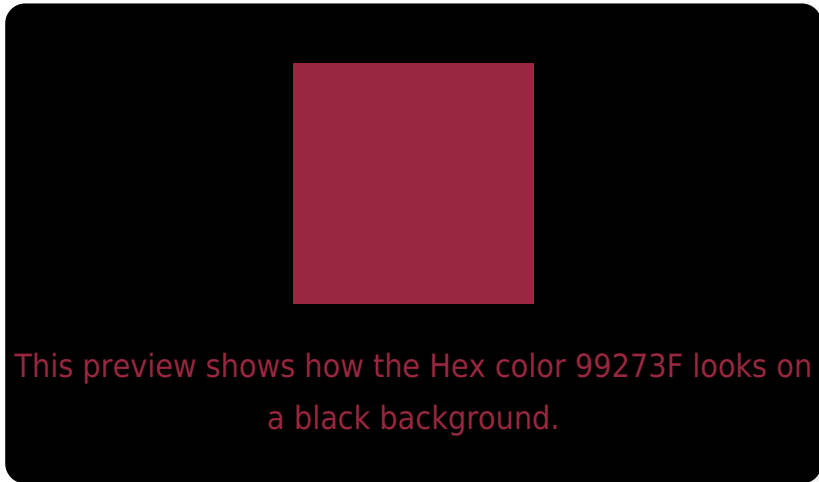
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

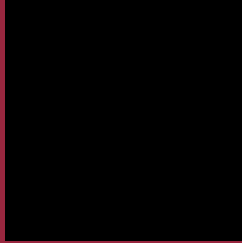
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 99273F Background



This preview shows how black text looks on a background with the Hex color 99273F.

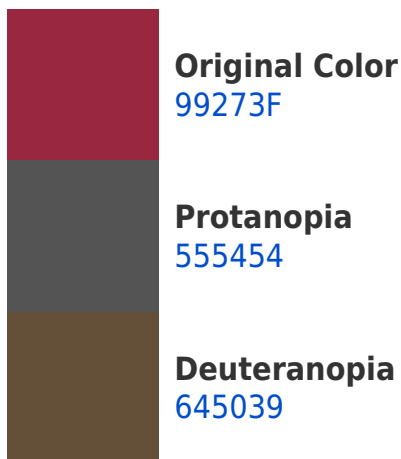


This preview shows how white text looks on a background with the Hex color 99273F.

# 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**  
982B2D

# Trichromacy



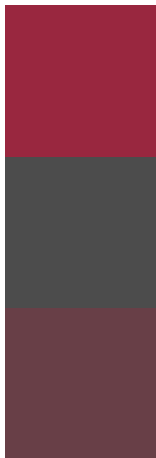
**Original Color**  
99273F

**Protanomaly**  
6E444C

**Deuteranomaly**  
77413B

**Tritanomaly**  
982A34

# Monochromacy



**Original Color**  
99273F

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
683F47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99273F 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 #99273F looks like.

```
.text, #text, p{  
    color:#99273F  
}
```

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 #99273F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99273F
}
```

## Border

The CSS property to change the border of an element to Hex 99273F is called "border". The border property can be set on classes, ids or directly on the HTML element.

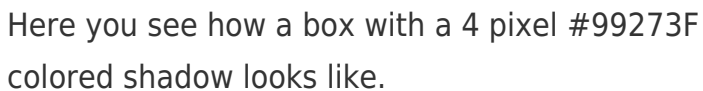
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99273F }
```

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

```
.border{ border-color:#99273F }
```

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



Here you see how a box with a 4 pixel #99273F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99273F; -webkit-box-shadow:4px 4px  
4px 4px #99273F; box-shadow:4px 4px 4px  
4px #99273F }
```

# Background

The CSS property to change the background color of an element to Hex 99273F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99273F }
```

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

```
.background{ background-color:#99273F }
```

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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