

# Converting Colors

Hex(9B3973)

Have a look what the booklet for  
Hex(9B3973) contains.

<b>Hex(9B3973)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9B3973)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B3973
RGB	155, 57, 115
RGB Percent	61%, 22%, 45%
CMY	0.3922, 0.7765, 0.5490
CMYK	0.00, 0.63, 0.26, 0.39
HSL	324°, 46%, 42%
HSV	324°, 63%, 61%
XYZ	18.0752, 11.1326, 17.4158
YIQ	92.9140, 39.7900, 38.8140

# Conversions

## Conversions Part 2

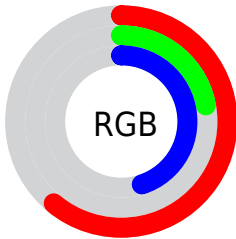
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 57, 115
Decimal	10172787
CIE <sub>Lab</sub>	39.80, 47.00, -12.35
CIE <sub>LCh</sub>	40, 48.598, 345.274
Yxy	11.1326, 0.3877, 0.2388
Android (android.graphics.Color)	4288362867 (0xFF9B3973)
YUV	92.9140, 10.8884, 54.4494
Hunter-Lab	33.3656, 38.3094, -7.5916

# Details

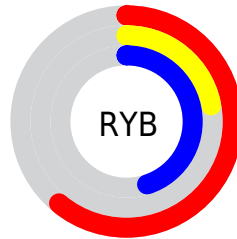
The Hex color **9B3973** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **399B61**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **D46EA7**, and **640043** is the 20% darker color. If you saturate the color by 10%, you get **9B2A6D**, and if you desaturate by 10%, it is **9B4979**.

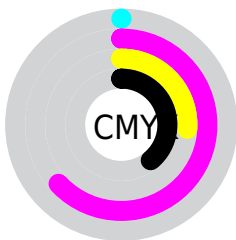
# Distribution



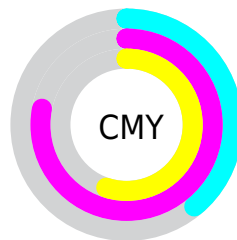
- Red (61%)
- Green (22%)
- Blue (45%)



- Red (61%)
- Yellow (22%)
- Blue (45%)



- Cyan (0%)
- Magenta (63%)
- Yellow (26%)
- Black (39%)



- Cyan (39%)
- Magenta (78%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B3973 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 9B3973 by changing the saturation by 10% instead.



 9B3973

 9B3973

FFFFFF

 7F1D5A

 D46EA7

 640043

 F189C2

 4A002D

 FFA4DE

 330019

 FFC0FB

 080000

 FFDDFF

 000000

 FFFAFF

 9B3973

 9B3973

 9B2A6D

 9B4979

 9B1A66

 9B5880

 9B0B60

 9B6786

 9B005C

 9B778C

 9B8793

 9B9699

 9BA69F

 9BB5A6

 9BC4AC

# Harmonies

## Analogous

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



794A96



9B3973



A5364B

# Triad

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



9B3973



5E6200



006E95

# Complementary

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



9B3973



399B61

# 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.



007072



9B3973



2F6B21

# Square

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



9B3973



815504



006F48



0068AB

# Rectangle

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



9B3973



A03E32



006F48



006F8B



# Sweetspot

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



9B3973



C9A3BA



60399B



664F5C



E6E6E6



666666



# Same Dimension

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



9B3973



C9308B



9B3943



4D4549



8C0053



0D0008



# Inverse Universe

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



9B3973



C9308B



399B91



4D4549



8C0053



0D0008



# Previews

## White Background



This preview shows how the Hex color 9B3973 looks on a white background.

## Color Contrast Check

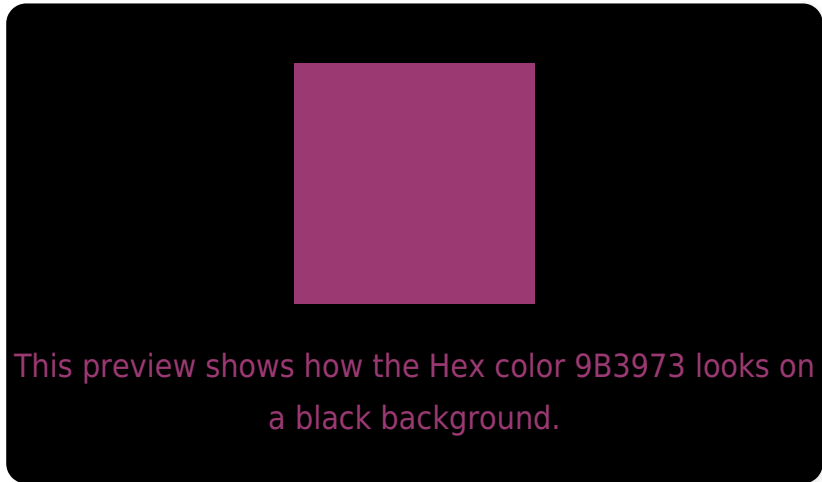
Large Text (above 18pt) WCAG AA ✓ Pass

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

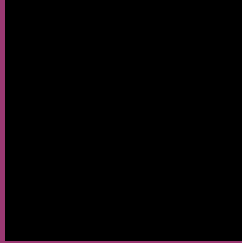
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B3973 Background



This preview shows how black text looks on a background with the Hex color 9B3973.



This preview shows how white text looks on a background with the Hex color 9B3973.

# 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



**Original Color**  
9B3973

**Protanopia**  
4E5D8D

**Deuteranopia**  
615C6E



**Tritanopia**  
974448

# Trichromacy



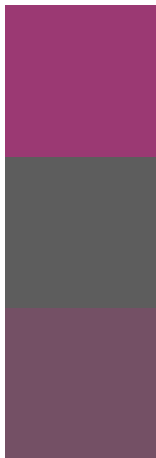
**Original Color**  
9B3973

**Protanomaly**  
6A5084

**Deuteranomaly**  
764F70

**Tritanomaly**  
984058

# Monochromacy



**Original Color**  
9B3973

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
745065

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B3973 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 #9B3973 looks like.

```
.text, #text, p{  
    color:#9B3973  
}
```

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 #9B3973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B3973  
}
```

## Border

The CSS property to change the border of an element to Hex 9B3973 is called "border". The border property can be set on classes, ids or directly on the HTML element.

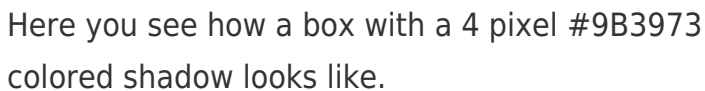
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9B3973 }
```

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

```
.border{ border-color:#9B3973 }
```

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



Here you see how a box with a 4 pixel #9B3973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B3973; -webkit-box-shadow:4px 4px  
4px 4px #9B3973; box-shadow:4px 4px 4px  
4px #9B3973 }
```

# Background

The CSS property to change the background color of an element to Hex 9B3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B3973 }
```

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

```
.background{ background-color:#9B3973 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor