

# Converting Colors

Hex(973B50)

Have a look what the booklet for  
Hex(973B50) contains.

<b>Hex(973B50)</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(973B50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	973B50
RGB	151, 59, 80
RGB Percent	59%, 23%, 31%
CMY	0.4078, 0.7686, 0.6863
CMYK	0.00, 0.61, 0.47, 0.41
HSL	346°, 44%, 41%
HSV	346°, 61%, 59%
XYZ	15.7744, 10.2864, 8.7435
YIQ	88.9020, 48.0910, 26.0350

# Conversions

## Conversions Part 2

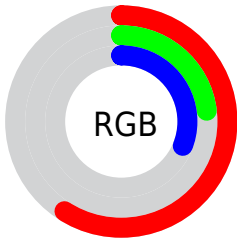
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 59, 80
Decimal	9911120
CIE <sub>Lab</sub>	38.35, 40.50, 7.42
CIE <sub>LCh</sub>	38, 41.174, 10.388
Yxy	10.2864, 0.4532, 0.2956
Android (android.graphics.Color)	4288101200 (0xFF973B50)
YUV	88.9020, -4.3887, 54.4599
Hunter-Lab	32.0725, 31.6662, 6.2873

# Details

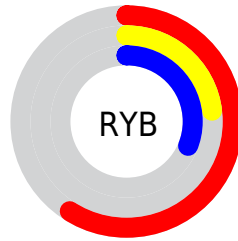
The Hex color **973B50** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3B9782**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D16E81**, and **600024** is the 20% darker color. If you saturate the color by 10%, you get **972C44**, and if you desaturate by 10%, it is **974A5C**.

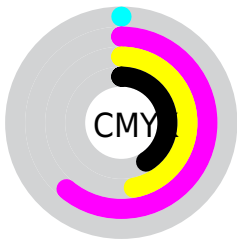
# Distribution



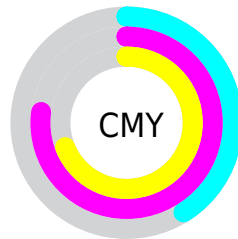
- Red (59%)
- Green (23%)
- Blue (31%)



- Red (59%)
- Yellow (23%)
- Blue (31%)



- Cyan (0%)
- Magenta (61%)
- Yellow (47%)
- Black (41%)



- Cyan (41%)
- Magenta (77%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 973B50 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 973B50 by changing the saturation by 10% instead.



 973B50

 973B50

FFFFFF

 7B2139

 D16E81

 600024

 EE899B

 45000E

 FFA4B6

 2D0001

 FFC0D1

 000000

 FFDCEE

 FFF9FF

 973B50

 973B50

 972C44

 974A5C

■ 971D39

■ 975967

■ 970E2D

■ 976873

■ 970022

■ 97777F

■ 97878A

■ 979696

■ 97A5A2

■ 97B4AD

■ 97C3B9

# Harmonies

## Analogous

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



8B3F71



973B50



914331

# Triad

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



973B50



3C6424



006499

# Complementary

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



973B50



3B9782

# 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.



006985



973B50



006943

# Square

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



973B50



615C11



006A65



2D5A9C

# Rectangle

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



973B50



854C1F



006A65



006694



# Sweetspot

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



973B50



C4A1A9



823B97



634E53



E3E3E3



636363



# Same Dimension

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



973B50



C43556



97543B



4D4547



8C0020



0D0003



# Inverse Universe

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



973B50



C43556



3B7E97



4D4547



8C0020

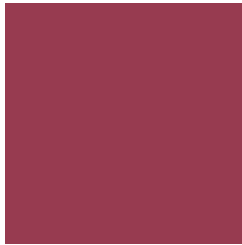


0D0003



# Previews

## White Background



This preview shows how the Hex color 973B50 looks on a white background.

## Color Contrast Check

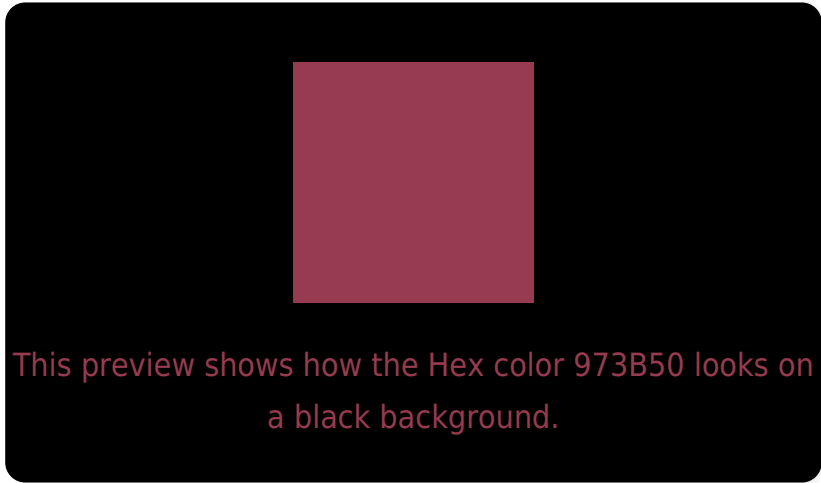
Large Text (above 18pt) WCAG AA ✓ Pass

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

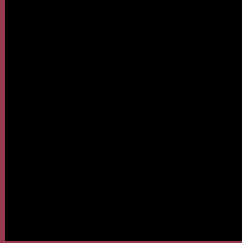
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 973B50 Background



This preview shows how black text looks on a background with the Hex color 973B50.

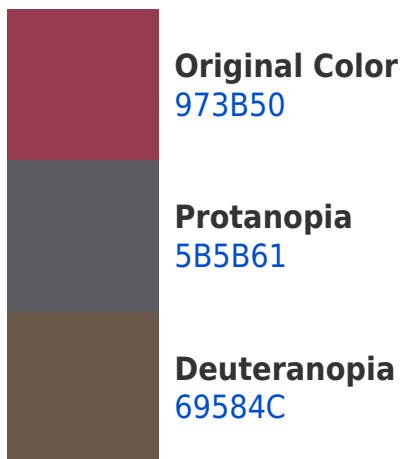



This preview shows how white text looks on a background with the Hex color 973B50.

# 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**  
963E42

# Trichromacy



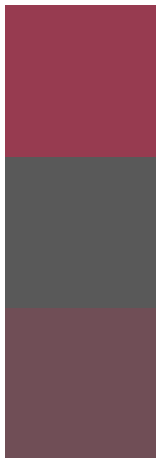
**Original Color**  
973B50

**Protanomaly**  
714F5B

**Deuteranomaly**  
7A4D4D

**Tritanomaly**  
963D47

# Monochromacy



**Original Color**  
973B50

**Achromatopsia**  
595959

**Achromatomaly**  
704E56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 973B50 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 #973B50 looks like.

```
.text, #text, p{  
    color:#973B50  
}
```

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 #973B50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #973B50
}
```

## Border

The CSS property to change the border of an element to Hex 973B50 is called "border". The border property can be set on classes, ids or directly on the HTML element.

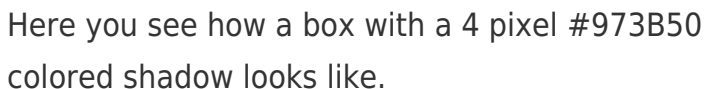
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#973B50 }
```

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

```
.border{ border-color:#973B50 }
```

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



Here you see how a box with a 4 pixel #973B50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #973B50; -webkit-box-shadow:4px 4px  
4px 4px #973B50; box-shadow:4px 4px 4px  
4px #973B50 }
```

# Background

The CSS property to change the background color of an element to Hex 973B50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#973B50 }
```

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

```
.background{ background-color:#973B50 }
```

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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