

# Converting Colors

Hex(973848)

Have a look what the booklet for  
Hex(973848) contains.

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**Color**

**Hex(973848)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	973848
RGB	151, 56, 72
RGB Percent	59%, 22%, 28%
CMY	0.4078, 0.7804, 0.7176
CMYK	0.00, 0.63, 0.52, 0.41
HSL	350°, 46%, 41%
HSV	350°, 63%, 59%
XYZ	15.3464, 9.8755, 7.2282
YIQ	86.2290, 51.4840, 25.1160

# Conversions

## Conversions Part 2

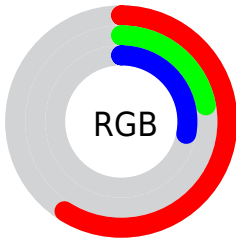
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 56, 72
Decimal	9910344
CIE <sub>Lab</sub>	37.62, 41.15, 11.46
CIE <sub>LCh</sub>	38, 42.720, 15.565
Yxy	9.8755, 0.4729, 0.3043
Android (android.graphics.Color)	4288100424 (0xFF973848)
YUV	86.2290, -7.0149, 56.8042
Hunter-Lab	31.4254, 32.1749, 8.3603

# Details

The Hex color **973848** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **389787**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D16C78**, and **5F001D** is the 20% darker color. If you saturate the color by 10%, you get **97293B**, and if you desaturate by 10%, it is **974755**.

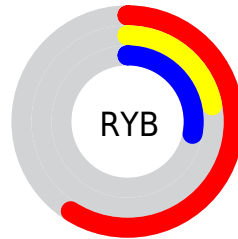
# Distribution



Red (59%)

Green (22%)

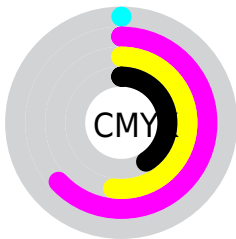
Blue (28%)



Red (59%)

Yellow (22%)

Blue (28%)

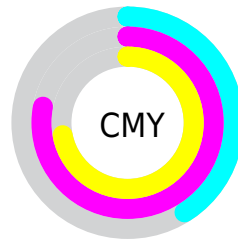


Cyan (0%)

Magenta (63%)

Yellow (52%)

Black (41%)



Cyan (41%)

Magenta (78%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 973848 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 973848 by changing the saturation by 10% instead.



 973848

 973848

FFFFFF

 7B1D32

 D16C78

 5F001D

 EF8692

 440002

 FFA1AC

 2B0001

 FFBDC8

 000000

 FFD9E4

 FFF6FF

 973848

 973848

 97293B

 974755

971A2F

975661

970B22

97656E

970019

97747A

978487

979393

97A2A0

97B1AC

97C0B9

# Harmonies

## Analogous

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



8E3A6B



973848



8E4328

# Triad

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



973848



316425



00619B

# Complementary

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



973848



389787

# 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.



006789



973848



006846

# Square

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



973848



595C0C



00696A



37569B

# Rectangle

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



973848



804C17



00696A



006497



# Sweetspot

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



973848



C49FA5



863897



634D50



E3E3E3



636363



# Same Dimension

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



973848



C4314A



975638



4D4546



8C0018



0D0002



# Inverse Universe

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



973848



C4314A



387997



4D4546



8C0018

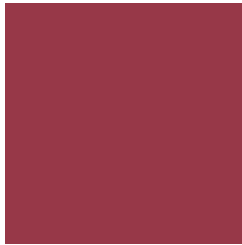


0D0002



# Previews

## White Background



This preview shows how the Hex color 973848 looks on a white background.

## Color Contrast Check

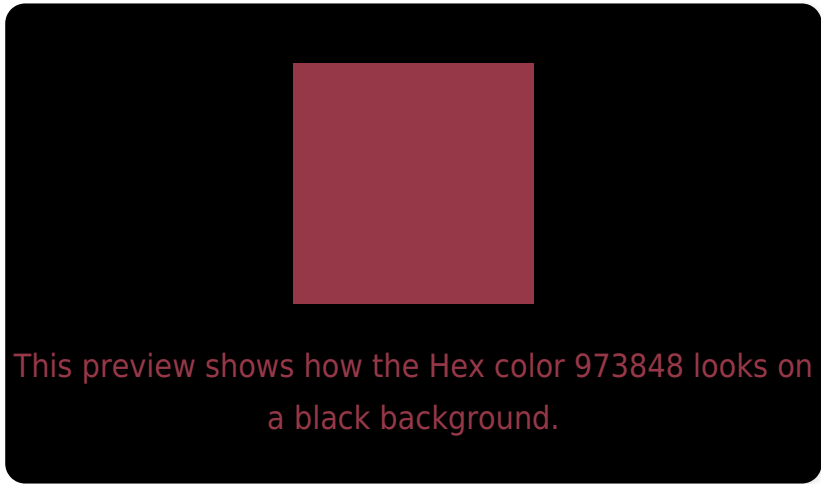
Large Text (above 18pt) WCAG AA ✓ Pass

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

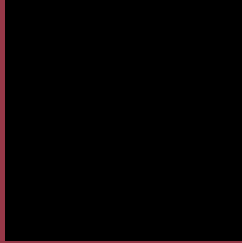
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 973848 Background



This preview shows how black text looks on a background with the Hex color 973848.

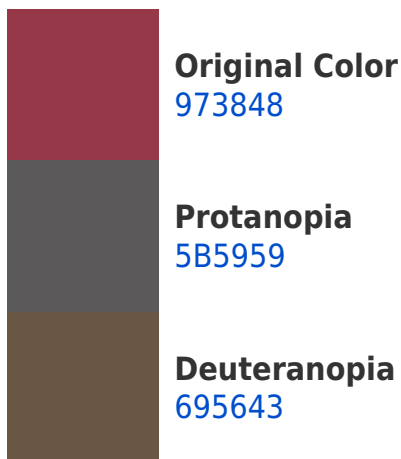


This preview shows how white text looks on a background with the Hex color 973848.

# 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**  
963A3E

# Trichromacy



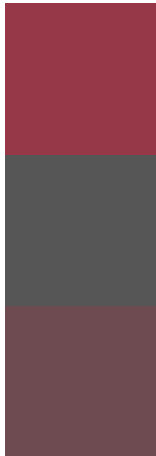
**Original Color**  
973848

**Protanomaly**  
714D53

**Deuteranomaly**  
7A4B45

**Tritanomaly**  
963942

# Monochromacy



**Original Color**  
973848

**Achromatopsia**  
565656

**Achromatomaly**  
6E4B51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 973848 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 #973848 looks like.

```
.text, #text, p{  
    color:#973848  
}
```

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 #973848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #973848 } }
```

## Border

The CSS property to change the border of an element to Hex 973848 is called "border". The border property can be set on classes, ids or directly on the HTML element.

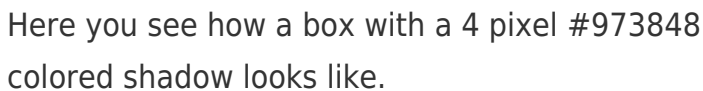
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #973848 } }
```

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

```
.border{ border-color:#973848 }
```

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



Here you see how a box with a 4 pixel #973848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #973848; -webkit-box-shadow:4px 4px  
4px 4px #973848; box-shadow:4px 4px 4px  
4px #973848 }
```

# Background

The CSS property to change the background color of an element to Hex 973848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#973848 }
```

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

```
.background{ background-color:#973848 }
```

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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