

# Converting Colors

Hex(97223B)

Have a look what the booklet for  
Hex(97223B) contains.

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**Color**

**Hex(97223B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97223B
RGB	151, 34, 59
RGB Percent	59%, 13%, 23%
CMY	0.4078, 0.8667, 0.7686
CMYK	0.00, 0.77, 0.61, 0.41
HSL	347°, 63%, 36%
HSV	347°, 77%, 59%
XYZ	14.1239, 8.0391, 4.9450
YIQ	71.8330, 61.7070, 32.5790

# Conversions

## Conversions Part 2

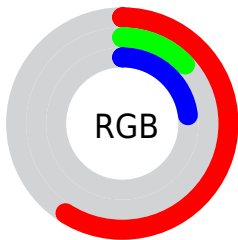
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 34, 59
Decimal	9904699
CIE <sub>Lab</sub>	34.06, 49.04, 14.96
CIE <sub>LCh</sub>	34, 51.273, 16.966
Yxy	8.0391, 0.5210, 0.2966
Android (android.graphics.Color)	4288094779 (0xFF97223B)
YUV	71.8330, -6.3267, 69.4295
Hunter-Lab	28.3534, 39.2996, 9.5069

# Details

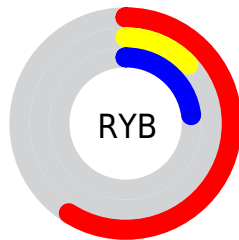
The Hex color **97223B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **22977E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **D25A6A**, and **5D0011** is the 20% darker color. If you saturate the color by 10%, you get **97132F**, and if you desaturate by 10%, it is **973147**.

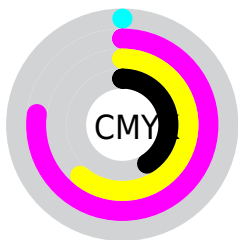
# Distribution



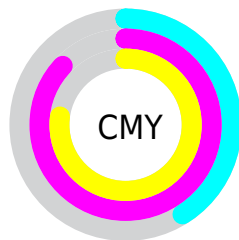
- Red (59%)
- Green (13%)
- Blue (23%)



- Red (59%)
- Yellow (13%)
- Blue (23%)



- Cyan (0%)
- Magenta (77%)
- Yellow (61%)
- Black (41%)



- Cyan (41%)
- Magenta (87%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97223B 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 97223B by changing the saturation by 10% instead.



 97223B

 97223B

FFFFFF

 7A0026

 D25A6A

 5D0011

 F17483

 420000

 FF909D

 250001

 FFABB8

 000000

 FFC8D4

 FFE5F0

 97223B

 97223B

 97132F

 973147

■ 970423

■ 974053

■ 970020

■ 974F5F

■ 975E6A

■ 976E76

■ 977D82

■ 978C8E

■ 979B9A

■ 97AAA6

# Harmonies

## Analogous

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



8F2464



97223B



8B3514

# Triad

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



97223B



145D11



005AA0

# Complementary

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



97223B



22977E

# 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.



00608B



97223B



00613C

# Square

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



97223B



4C5500



006267



1B4D9F

# Rectangle

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



97223B



7A4200



006267



005D9B



# Sweetspot

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



97223B



C497A1



7E2297



63484E



E3E3E3



636363



# Same Dimension

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



97223B



C40E35



974322



4D4546



8C001E



0D0003



# Inverse Universe

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



97223B



C40E35



227697



4D4546



8C001E



0D0003



# Previews

## White Background



This preview shows how the Hex color 97223B 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

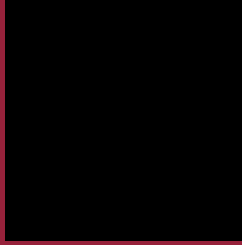
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 97223B Background



This preview shows how black text looks on a background with the Hex color 97223B.

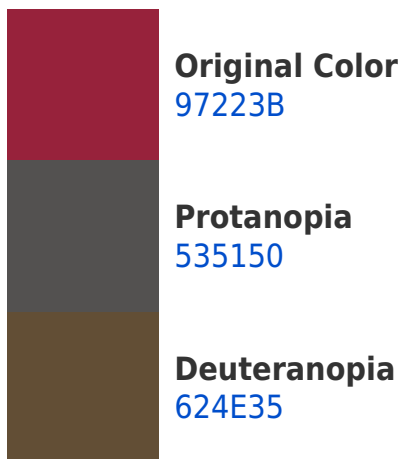


This preview shows how white text looks on a background with the Hex color 97223B.

# 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





# Trichromacy



**Original Color**  
97223B

**Protanomaly**  
6C4048

**Deuteranomaly**  
753E37

**Tritanomaly**  
96252F

# Monochromacy



**Original Color**  
97223B

**Achromatopsia**  
484848

**Achromatomaly**  
653A43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97223B 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 #97223B looks like.

```
.text, #text, p{  
    color:#97223B  
}
```

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 #97223B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97223B
}
```

## Border

The CSS property to change the border of an element to Hex 97223B is called "border". The border property can be set on classes, ids or directly on the HTML element.

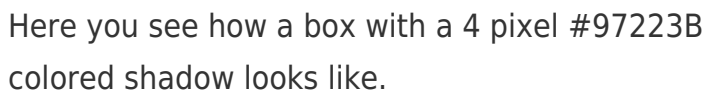
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97223B }
```

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

```
.border{ border-color:#97223B }
```

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



Here you see how a box with a 4 pixel #97223B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97223B; -webkit-box-shadow:4px 4px  
4px 4px #97223B; box-shadow:4px 4px 4px  
4px #97223B }
```

# Background

The CSS property to change the background color of an element to Hex 97223B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97223B }
```

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

```
.background{ background-color:#97223B }
```

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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