

# Converting Colors

Hex(97003A)

Have a look what the booklet for  
Hex(97003A) contains.

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**Color**

**Hex(97003A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97003A
RGB	151, 0, 58
RGB Percent	59%, 0%, 23%
CMY	0.4078, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.62, 0.41
HSL	337°, 100%, 30%
HSV	337°, 100%, 59%
XYZ	13.5262, 6.8848, 4.6190
YIQ	51.7610, 71.3780, 50.0500

# Conversions

## Conversions Part 2

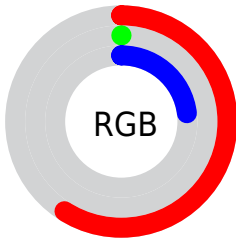
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	151, 0, 58
Decimal	9895994
CIE Lab	31.54, 56.12, 12.22
CIE LCh	32, 57.433, 12.284
Yxy	6.8848, 0.5404, 0.2751
Android (android.graphics.Color)	4288086074 (0xFF97003A)
YUV	51.7610, 3.0758, 87.0326
Hunter-Lab	26.2389, 46.0991, 7.9301

# Details

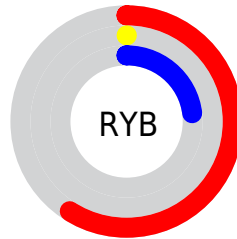
The Hex color **97003A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00975D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **D34A69**, and **5D0010** is the 20% darker color. If you saturate the color by 10%, you get **97003A**, and if you desaturate by 10%, it is **970F43**.

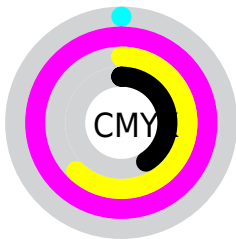
# Distribution



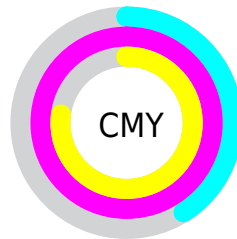
- Red (59%)
- Green (0%)
- Blue (23%)



- Red (59%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (41%)



- Cyan (41%)
- Magenta (100%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97003A 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 97003A by changing the saturation by 10% instead.



 97003A

 97003A

FFFFFF

 7A0025

 D34A69

 5D0010

 F26682

 420002

 FF819C

 210001

 FF9DB6

 000000

 FFBAD2

 FFD7EE

 FFF4FF

 97003A

 970F43

 971E4D

 972D56

 973C5F

 974C69

 975B72

 976A7B

 977984

 97888E

# Harmonies

## Analogous

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



8B1167



97003A



8C240D

# Triad

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



97003A



0B5700



0057A1

# Complementary

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



97003A



00975D

# 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.



005C86



97003A



005B2D

# Square

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



97003A



4B4E00



005D5C



004AA4

# Rectangle

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



97003A



7B3700



005D5C



00599A



# Sweetspot

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



97003A



C489A0



5B0097



63404D



E3E3E3



636363



# Same Dimension

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



97003A



C4004B



970F00



4D4548



8C0036



0D0005



# Inverse Universe

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



97003A



C4004B



008897



4D4548



8C0036

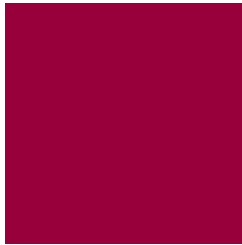


0D0005



# Previews

## White Background



This preview shows how the Hex color 97003A looks on a white background.

## Color Contrast Check

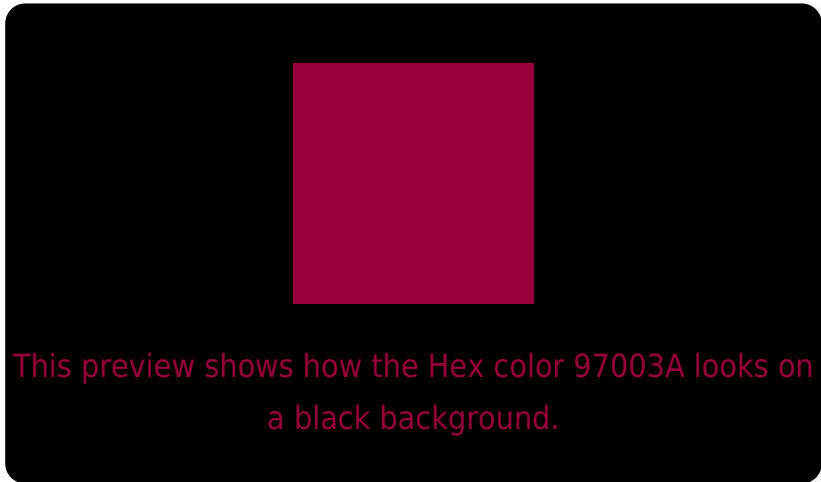
Large Text (above 18pt) WCAG AA ✓ Pass

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 97003A Background



This preview shows how black text looks on a background with the Hex color 97003A.

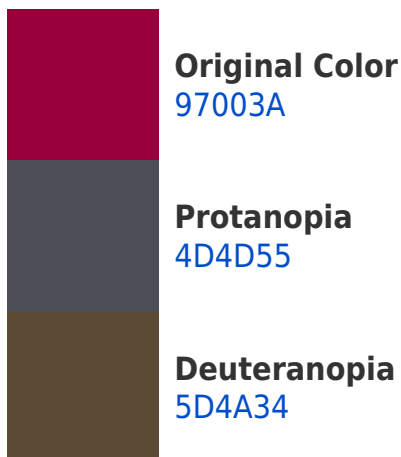


This preview shows how white text looks on a background with the Hex color 97003A.

# 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**  
961716

# Trichromacy



**Original Color**  
97003A

**Protanomaly**  
68314B

**Deuteranomaly**  
722F36

**Tritanomaly**  
960F23

# Monochromacy



**Original Color**  
97003A

**Achromatopsia**  
343434

**Achromatomaly**  
582136

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97003A 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 #97003A looks like.

```
.text, #text, p{  
    color:#97003A  
}
```

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 #97003A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97003A
}
```

## Border

The CSS property to change the border of an element to Hex 97003A is called "border". The border property can be set on classes, ids or directly on the HTML element.

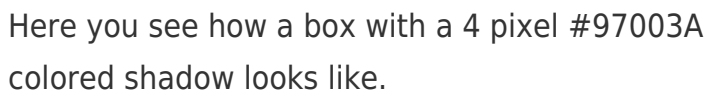
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97003A }
```

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

```
.border{ border-color:#97003A }
```

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



Here you see how a box with a 4 pixel #97003A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97003A; -webkit-box-shadow:4px 4px  
4px 4px #97003A; box-shadow:4px 4px 4px  
4px #97003A }
```

# Background

The CSS property to change the background color of an element to Hex 97003A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97003A }
```

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

```
.background{ background-color:#97003A }
```

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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