

Converting Colors

Hex(97002B)

Have a look what the booklet for
Hex(97002B) contains.

Hex(97002B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(97002B)

Conversions

Conversions Part 1

Format	Color
Hex	97002B
RGB	151, 0, 43
RGB Percent	59%, 0%, 17%
CMY	0.4078, 1.0000, 0.8314
CMYK	0.00, 1.00, 0.72, 0.41
HSL	343°, 100%, 30%
HSV	343°, 100%, 59%
XYZ	13.1985, 6.7537, 2.8935
YIQ	50.0510, 76.1930, 45.3850

Conversions

Conversions Part 2

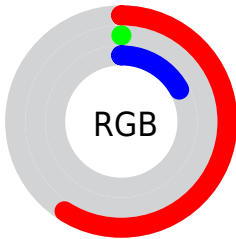
Format	Color
RYB	151, 0, 43
Decimal	9895979
CIELab	31.24, 55.30, 21.76
CIELCh	31, 59.430, 21.483
Yxy	6.7537, 0.5777, 0.2956
Android (android.graphics.Color)	4288086059 (0xFF97002B)
YUV	50.0510, -3.4761, 88.5323
Hunter-Lab	25.9879, 45.1763, 11.5903

Details

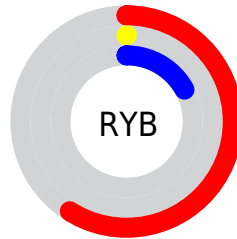
The Hex color **97002B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00976C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **D44958**, and **5C0000** is the 20% darker color. If you saturate the color by 10%, you get **97002B**, and if you desaturate by 10%, it is **970F36**.

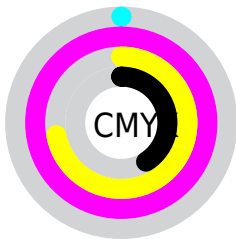
Distribution



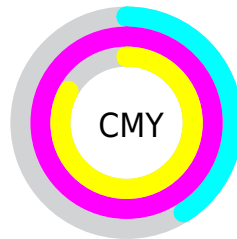
- Red (59%)
- Green (0%)
- Blue (17%)



- Red (59%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (41%)



- Cyan (41%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97002B 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 97002B by changing the saturation by 10% instead.

 97002B

 97002B

FFFFFF

 790017

 D44958

 5C0000

 F36570

 400002

 FF818A

 1F0001

 FF9DA4

 000000

 FFB9BF

 FFD6DB

 FFF3F7

 97002B

 970F36

 971E41

 972D4B

 973C56

 974C61

 975B6C

 976A77

 977981

 97888C

Harmonies

Analogous

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



930059



97002B



862B00

Triad

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



97002B



005802



0054A7

Complementary

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



97002B



00976C

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.



005B92



97002B



005C3A

Square

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



97002B



3B5100



005D6B



0F43A2

Rectangle

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



97002B



723C00



005D6B



0057A3

Sweetspot

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



97002B



C4899A



6A0097



63404A



E3E3E3



636363

Same Dimension

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



97002B



C40038



971E00



4D4547



8C0028



0D0004

Inverse Universe

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



97002B



C40038



007997



4D4547



8C0028



0D0004

Previews

White Background



This preview shows how the Hex color 97002B looks on a white background.

Color Contrast Check

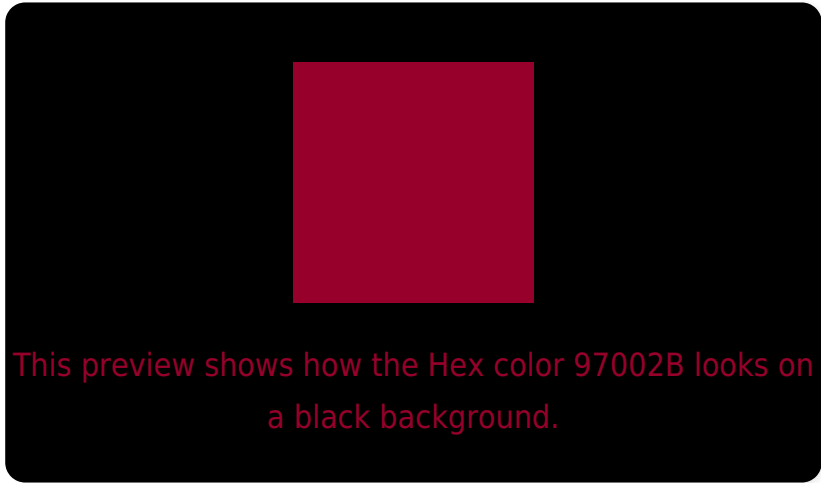
Large Text (above 18pt) WCAG AA ✓ Pass

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 97002B Background



This preview shows how black text looks on a background with the Hex color 97002B.



This preview shows how white text looks on a background with the Hex color 97002B.

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

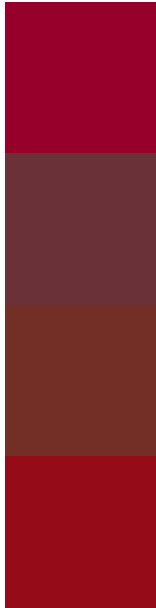


Original Color
97002B

Protanopia
514D40

Deuteranopia
5F4923

Trichromacy



Original Color
97002B

Protanomaly
6A3138

Deuteranomaly
732E26

Tritanomaly
960B18

Monochromacy



Original Color
97002B

Achromatopsia
323232

Achromatomaly
57202F

CSS Examples

Text

The CSS property to change the color of the text to Hex 97002B 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 #97002B looks like.

```
.text, #text, p{  
    color:#97002B  
}
```

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 #97002B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97002B
}
```

Border

The CSS property to change the border of an element to Hex 97002B is called "border". The border property can be set on classes, ids or directly on the HTML element.

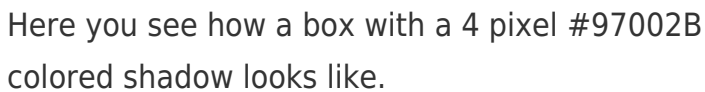
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97002B }
```

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

```
.border{ border-color:#97002B }
```

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



Here you see how a box with a 4 pixel #97002B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97002B; -webkit-box-shadow:4px 4px  
4px 4px #97002B; box-shadow:4px 4px 4px  
4px #97002B }
```

Background

The CSS property to change the background color of an element to Hex 97002B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97002B }
```

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

```
.background{ background-color:#97002B }
```

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