

# Converting Colors

Hex(97004C)

Have a look what the booklet for  
Hex(97004C) contains.

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**Color**

**Hex(97004C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97004C
RGB	151, 0, 76
RGB Percent	59%, 0%, 30%
CMY	0.4078, 1.0000, 0.7020
CMYK	0.00, 1.00, 0.50, 0.41
HSL	330°, 100%, 30%
HSV	330°, 100%, 59%
XYZ	14.0670, 7.1011, 7.4667
YIQ	53.8130, 65.6000, 55.6480

# Conversions

## Conversions Part 2

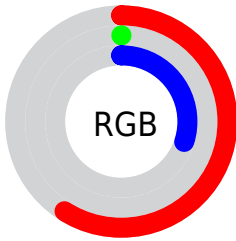
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 0, 76
Decimal	9896012
CIE <sub>Lab</sub>	32.04, 57.43, 0.96
CIE <sub>LCh</sub>	32, 57.435, 0.956
Yxy	7.1011, 0.4913, 0.2480
Android (android.graphics.Color)	4288086092 (0xFF97004C)
YUV	53.8130, 10.9382, 85.2330
Hunter-Lab	26.6479, 47.5934, 2.0405

# Details

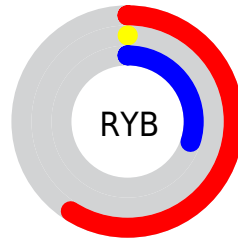
The Hex color **97004C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **00974B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **D24B7D**, and **5D0020** is the 20% darker color. If you saturate the color by 10%, you get **97004C**, and if you desaturate by 10%, it is **970F53**.

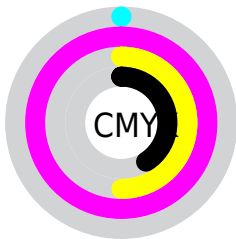
# Distribution



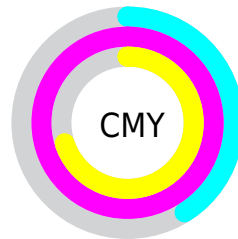
- Red (59%)
- Green (0%)
- Blue (30%)



- Red (59%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (41%)



- Cyan (41%)
- Magenta (100%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97004C 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 97004C by changing the saturation by 10% instead.



 97004C

 97004C

FFFFFF

 7A0035

 D24B7D

 5D0020

 F06796

 430008

 FF82B1

 250001

 FF9FCC

 000000

 FFBBE9

 FFD8FF

 FFF5FF

 97004C

■ 970F53

■ 971E5B

■ 972D62

■ 973C6A

■ 974C72

■ 975B79

■ 976A81

■ 977988

■ 978890

# Harmonies

## Analogous

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



812178



97004C



941920

# Triad

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



97004C



2D5600



005B9B

# Complementary

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



97004C



00974B

# 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.



005E79



97004C



005B1B

# Square

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



97004C



5C4A00



005E4C



0051A7

# Rectangle

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



97004C



872E00



005E4C



005C92



# Sweetspot

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



97004C



C489A7



490097



634052



E3E3E3



636363



# Same Dimension

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



97004C



C40063



970003



4D4549



8C0047



0D0006



# Inverse Universe

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



97004C



C40063



009794



4D4549



8C0047

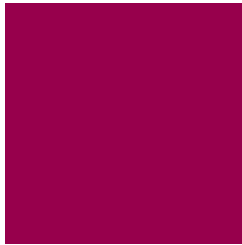


0D0006



# Previews

## White Background



This preview shows how the Hex color 97004C looks on a white background.

## Color Contrast Check

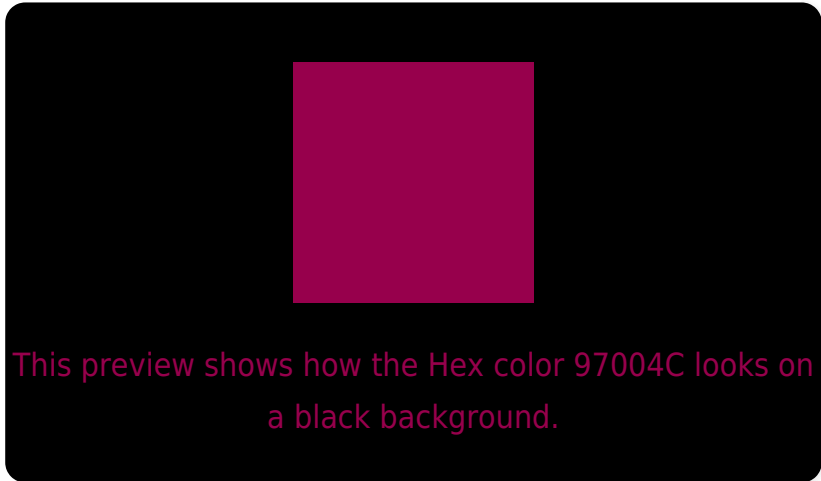
Large Text (above 18pt) WCAG AA ✓ Pass

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 97004C Background



This preview shows how black text looks on a background with the Hex color 97004C.



This preview shows how white text looks on a background with the Hex color 97004C.

# 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**  
97004C

**Protanomaly**  
633262

**Deuteranomaly**  
703048

**Tritanomaly**  
96132F

# Monochromacy



**Original Color**  
97004C

**Achromatopsia**  
363636

**Achromatomaly**  
59223E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97004C 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 #97004C looks like.

```
.text, #text, p{  
    color:#97004C  
}
```

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 #97004C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97004C
}
```

## Border

The CSS property to change the border of an element to Hex 97004C is called "border". The border property can be set on classes, ids or directly on the HTML element.

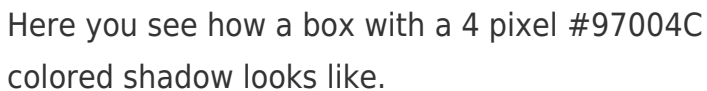
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97004C }
```

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

```
.border{ border-color:#97004C }
```

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



Here you see how a box with a 4 pixel #97004C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97004C; -webkit-box-shadow:4px 4px  
4px 4px #97004C; box-shadow:4px 4px 4px  
4px #97004C }
```

# Background

The CSS property to change the background color of an element to Hex 97004C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97004C }
```

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

```
.background{ background-color:#97004C }
```

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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