

# Converting Colors

Hex(94073C)

Have a look what the booklet for  
Hex(94073C) contains.

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**Color**

**Hex(94073C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94073C
RGB	148, 7, 60
RGB Percent	58%, 3%, 24%
CMY	0.4196, 0.9725, 0.7647
CMYK	0.00, 0.95, 0.59, 0.42
HSL	337°, 91%, 30%
HSV	337°, 95%, 58%
XYZ	13.1043, 6.7741, 4.8918
YIQ	55.2010, 67.0230, 46.3750

# Conversions

## Conversions Part 2

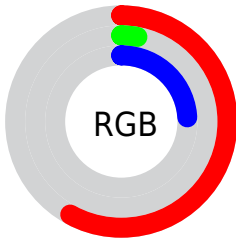
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 7, 60
Decimal	9701180
CIELab	31.29, 54.48, 10.43
CIELCh	31, 55.469, 10.838
Yxy	6.7741, 0.5290, 0.2735
Android (android.graphics.Color)	4287891260 (0xFF94073C)
YUV	55.2010, 2.3659, 81.3847
Hunter-Lab	26.0271, 44.3252, 7.0754

# Details

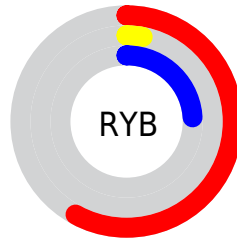
The Hex color **94073C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **07945F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **D04C6B**, and **5A0012** is the 20% darker color. If you saturate the color by 10%, you get **940038**, and if you desaturate by 10%, it is **941645**.

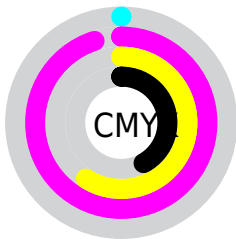
# Distribution



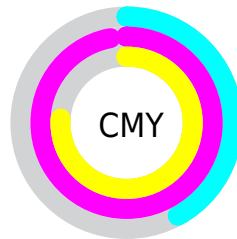
- Red (58%)
- Green (3%)
- Blue (24%)



- Red (58%)
- Yellow (3%)
- Blue (24%)



- Cyan (0%)
- Magenta (95%)
- Yellow (59%)
- Black (42%)



- Cyan (42%)
- Magenta (97%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94073C 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 94073C by changing the saturation by 10% instead.





94073C



94073C

FFFFFF



770027



D04C6B



5A0012



EE6784



400002



FF839E



1F0001



FF9FB9



000000



FFBBD5



FFD8F1



FFF5FF



94073C



94073C

■ 940038

■ 941645

■ 94254E

■ 943358

■ 944261

■ 94516A

■ 946073

■ 946F7D

■ 947D86

■ 948C8F

# Harmonies

## Analogous

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



871767



94073C



8A2511

# Triad

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



94073C



155600



00569C

# Complementary

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



94073C



07945F

# 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.



005B82



94073C



005A2B

# Square

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



94073C



4D4D00



005C59



004AA0

# Rectangle

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



94073C



7B3600



005C59



005996



# Sweetspot

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



94073C



BF889D



5E0794



613F4C



E0E0E0



616161



# Same Dimension

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



94073C



BF0048



941707



4A4345



8A0034



0A0004



# Inverse Universe

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



94073C



BF0048



078494



4A4345



8A0034

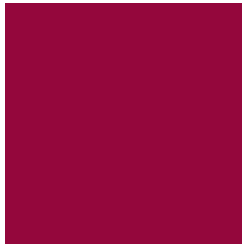


0A0004



# Previews

## White Background



This preview shows how the Hex color 94073C looks on a white background.

## Color Contrast Check

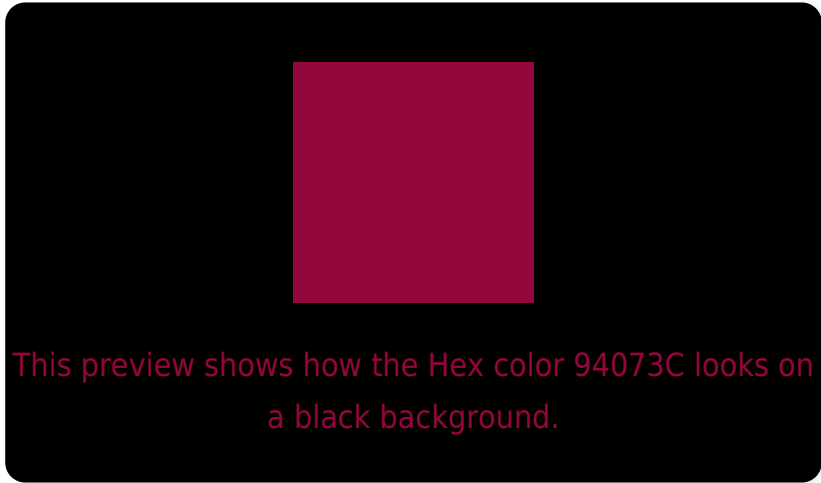
Large Text (above 18pt) WCAG AA ✓ Pass

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 94073C Background



This preview shows how black text looks on a background with the Hex color 94073C.

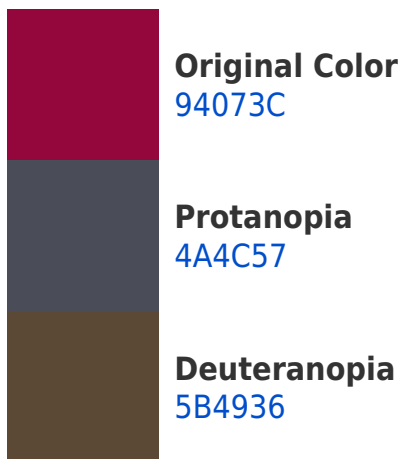


This preview shows how white text looks on a background with the Hex color 94073C.

# 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**  
94073C

**Protanomaly**  
65334D

**Deuteranomaly**  
703138

**Tritanomaly**  
931225

# Monochromacy



**Original Color**  
94073C

**Achromatopsia**  
373737

**Achromatomaly**  
592639

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94073C 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 #94073C looks like.

```
.text, #text, p{  
    color:#94073C  
}
```

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 #94073C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94073C
}
```

## Border

The CSS property to change the border of an element to Hex 94073C is called "border". The border property can be set on classes, ids or directly on the HTML element.

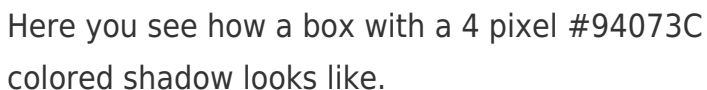
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94073C }
```

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

```
.border{ border-color:#94073C }
```

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



Here you see how a box with a 4 pixel #94073C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94073C; -webkit-box-shadow:4px 4px  
4px 4px #94073C; box-shadow:4px 4px 4px  
4px #94073C }
```

# Background

The CSS property to change the background color of an element to Hex 94073C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94073C }
```

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

```
.background{ background-color:#94073C }
```

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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