

# Converting Colors

Hex(94004A)

Have a look what the booklet for  
Hex(94004A) contains.

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# Color

**Hex(94004A)**

# Conversions

Conversions Part 1	
Format	Color
Hex	94004A
RGB	148, 0, 74
RGB Percent	58%, 0%, 29%
CMY	0.4196, 1.0000, 0.7098
CMYK	0.00, 1.00, 0.50, 0.42
HSL	330°, 100%, 29%
HSV	330°, 100%, 58%
XYZ	13.4488, 6.7903, 7.0804
YIQ	52.6880, 64.4540, 54.3900

# Conversions

## Conversions Part 2

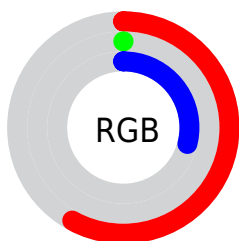
Format	Color
<a href="#">RYB</a>	<a href="#">148, 0, 74</a>
Decimal	<a href="#">9699402</a>
CIELab	<a href="#">31.32, 56.56, 1.17</a>
CIELCh	<a href="#">31, 56.572, 1.183</a>
Yxy	<a href="#">6.7903, 0.4923, 0.2486</a>
Android (android.graphics.Color)	<a href="#">4287889482</a> (0xFF94004A)
YUV	<a href="#">52.6880, 10.5068, 83.5886</a>
Hunter-Lab	<a href="#">26.0582, 46.5228, 2.1308</a>

# Details

The Hex color **94004A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **00944A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **CF4A7A**, and **5B001F** is the 20% darker color. If you saturate the color by 10%, you get **94004A**, and if you desaturate by 10%, it is **940F51**.

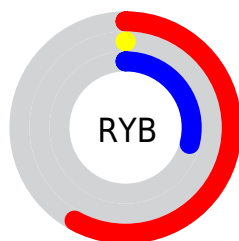
# Distribution



Red (58%)

Green (0%)

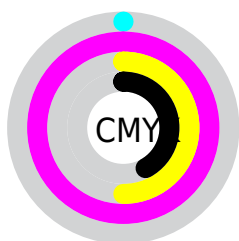
Blue (29%)



Red (58%)

Yellow (0%)

Blue (29%)

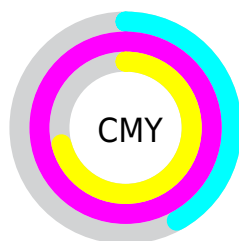


Cyan (0%)

Magenta (100%)

Yellow (50%)

Black (42%)



Cyan (42%)

Magenta (100%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94004A 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 94004A by changing the saturation by 10% instead.



 94004A

 94004A

FFFFFF

 770034

 CF4A7A

 5B001F

 ED6694

 410005

 FF81AF

 210001

 FF9DCA

 000000

 FFBAE6

 FFD7FF

 FFF4FF

 94004A

 940F51

 941E59

 942C60

 943B68

 944A6F

 945976

 94687E

 947685

 94858D

# Harmonies

## Analogous

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



7E2075



94004A



91191F

# Triad

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



94004A



2C5400



005998

# Complementary

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



94004A



00944A

# 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.



005C77



94004A



005A1B

# Square

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



94004A



5A4900



005C4A



004FA4

# Rectangle

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



94004A



842D00



005C4A



005A8F



# Sweetspot

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



94004A



BF86A3



4A0094



613E4F



E0E0E0



616161



# Same Dimension

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



94004A



BF0060



940000



4A4346



8A0045



0A0005



# Inverse Universe

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



94004A



BF0060



009494



4A4346



8A0045



0A0005



# Previews

## White Background



This preview shows how the Hex color 94004A looks on a white background.

## Color Contrast Check

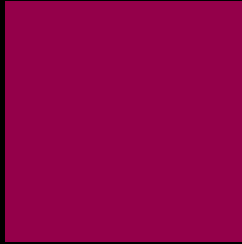
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Hex color 94004A looks on a 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 94004A Background



This preview shows how black text looks on a background with the Hex color 94004A.



This preview shows how white text looks on a background with the Hex color 94004A.

# 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**

94004A

**Protanopia**

444C6B

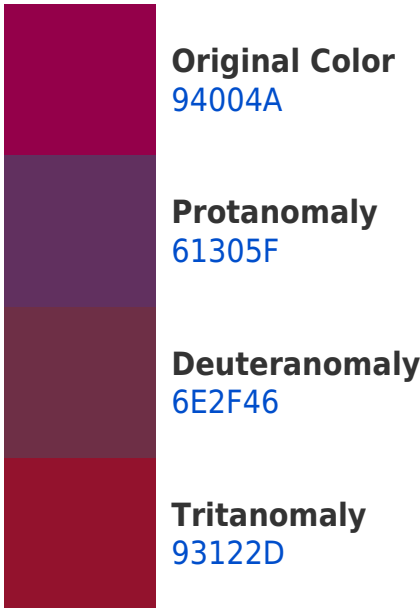
**Deuteranopia**

584A44

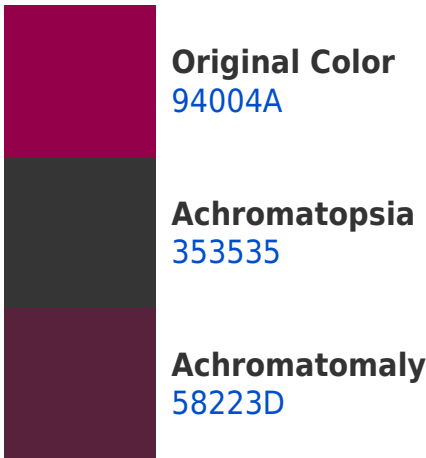


**Tritanopia**  
921D1D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94004A 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 #94004A looks like.

```
.text, #text, p{  
    color:#94004A  
}
```

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 #94004A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94004A
}
```

## Border

The CSS property to change the border of an element to Hex 94004A 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
#94004A }
```

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

```
.border{ border-color:#94004A }
```

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

Here you see how a box with a 4 pixel #94004A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94004A; -webkit-box-shadow:4px 4px  
4px 4px #94004A; box-shadow:4px 4px 4px  
4px #94004A }
```

# Background

The CSS property to change the background color of an element to Hex 94004A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94004A }
```

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

```
.background{ background-color:#94004A }
```

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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