

# Converting Colors

Hex(94014B)

Have a look what the booklet for  
Hex(94014B) contains.

|  |    |
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**Color**

**Hex(94014B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 94014B                    |
| RGB           | 148, 1, 75                |
| RGB Percent   | 58%, 0%, 29%              |
| CMY           | 0.4196, 0.9961, 0.7059    |
| CMYK          | 0.00, 0.99, 0.49, 0.42    |
| HSL           | 330°, 99%, 29%            |
| HSV           | 330°, 99%, 58%            |
| XYZ           | 13.4936, 6.8256, 7.2629   |
| YIQ           | 53.3890, 63.8580, 54.1780 |

# Conversions

## Conversions Part 2

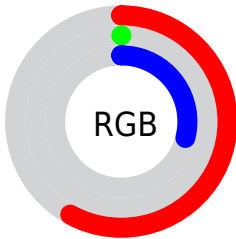
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 148, 1, 75                   |
| Decimal                             | 9699659                      |
| CIELab                              | 31.41, 56.50, 0.62           |
| CIELCh                              | 31, 56.500, 0.633            |
| Yxy                                 | 6.8256, 0.4892,<br>0.2475    |
| Android<br>(android.graphics.Color) | 4287889739<br>(0xFF94014B)   |
| YUV                                 | 53.3890, 10.6542,<br>82.9738 |
| Hunter-Lab                          | 26.1259, 46.4722,<br>1.8057  |

# Details

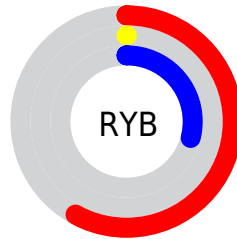
The Hex color **94014B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **01944A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **CF4A7C**, and **5B0020** is the 20% darker color. If you saturate the color by 10%, you get **94004B**, and if you desaturate by 10%, it is **941052**.

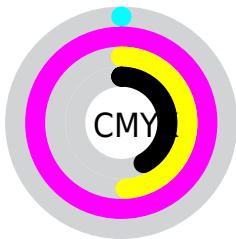
# Distribution



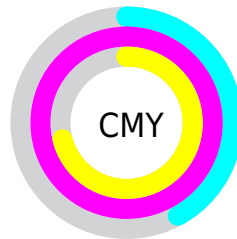
- Red (58%)
- Green (0%)
- Blue (29%)



- Red (58%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (99%)
- Yellow (49%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94014B 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 94014B by changing the saturation by 10% instead.



 94014B

 94014B

FFFFFF

 770035

 CF4A7C

 5B0020

 ED6695

 410007

 FF82B0

 210001

 FF9ECB

 000000

 FFBAE7

 FFD7FF

 FFF4FF

 94014B

 94014B

■ 94004B

■ 941052

■ 941F5A

■ 942D61

■ 943C68

■ 944B70

■ 945A77

■ 94697E

■ 947786

■ 94868D

# Harmonies

## Analogous

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



7E2176



94014B



911920

# Triad

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



94014B



2D5400



005997

# Complementary

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



94014B



01944A

# 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.



005C76



94014B



005A1A

# Square

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



94014B



5A4900



005C4A



0050A4

# Rectangle

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



94014B



852D00



005C4A



005B8E



# Sweetspot

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



94014B



BF86A3



480194



613E50



E0E0E0



616161



# Same Dimension

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



94014B



BF0060



940103



4A4346



8A0045



0A0005



# Inverse Universe

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



94014B



BF0060



019492



4A4346



8A0045



0A0005



# Previews

## White Background



This preview shows how the Hex color 94014B looks on a white background.

## Color Contrast Check

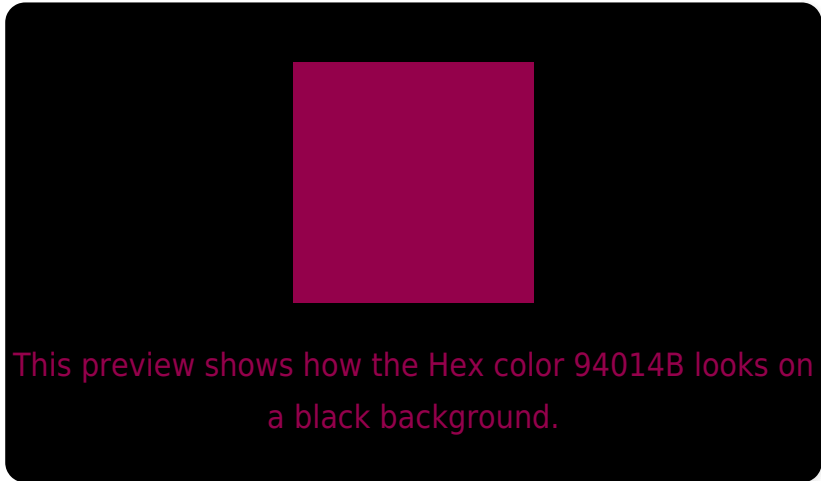
Large Text (above 18pt) WCAG AA ✓ Pass

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 94014B Background



This preview shows how black text looks on a background with the Hex color 94014B.

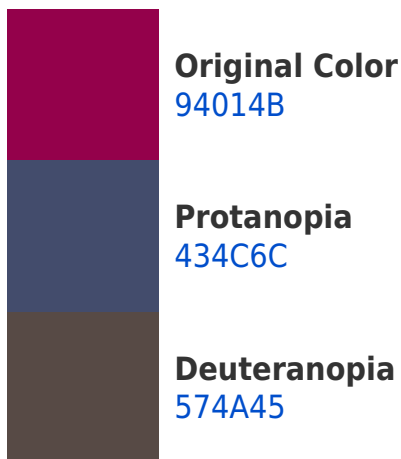


This preview shows how white text looks on a background with the Hex color 94014B.

# 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**  
94014B

**Protanomaly**  
603160

**Deuteranomaly**  
6D2F47

**Tritanomaly**  
93132E

# Monochromacy



**Original Color**  
94014B

**Achromatopsia**  
353535

**Achromatomaly**  
58223D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94014B 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 #94014B looks like.

```
.text, #text, p{  
    color:#94014B  
}
```

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 #94014B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94014B
}
```

## Border

The CSS property to change the border of an element to Hex 94014B is called "border". The border property can be set on classes, ids or directly on the HTML element.

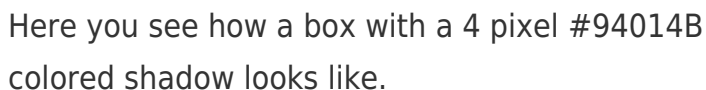
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94014B }
```

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

```
.border{ border-color:#94014B }
```

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



Here you see how a box with a 4 pixel #94014B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94014B; -webkit-box-shadow:4px 4px  
4px 4px #94014B; box-shadow:4px 4px 4px  
4px #94014B }
```

# Background

The CSS property to change the background color of an element to Hex 94014B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94014B }
```

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

```
.background{ background-color:#94014B }
```

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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