

# Converting Colors

Hex(93144B)

Have a look what the booklet for  
Hex(93144B) contains.

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**Color**

**Hex(93144B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93144B
RGB	147, 20, 75
RGB Percent	58%, 8%, 29%
CMY	0.4235, 0.9216, 0.7059
CMYK	0.00, 0.86, 0.49, 0.42
HSL	334°, 76%, 33%
HSV	334°, 86%, 58%
XYZ	13.5528, 7.2114, 7.3342
YIQ	64.2430, 58.0370, 44.0290

# Conversions

## Conversions Part 2

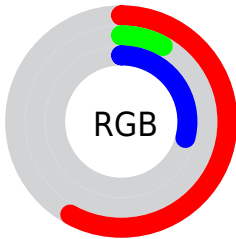
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 20, 75
Decimal	9638987
CIE Lab	32.28, 53.10, 1.87
CIE LCh	32, 53.131, 2.018
Yxy	7.2114, 0.4823, 0.2566
Android (android.graphics.Color)	4287829067 (0xFF93144B)
YUV	64.2430, 5.3032, 72.5779
Hunter-Lab	26.8540, 43.0917, 2.6048

# Details

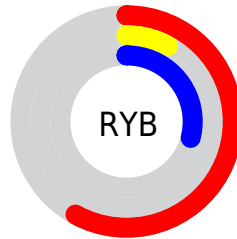
The Hex color **93144B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14935C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **CE517C**, and **5A0020** is the 20% darker color. If you saturate the color by 10%, you get **930543**, and if you desaturate by 10%, it is **932353**.

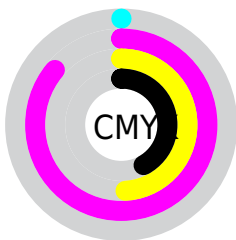
# Distribution



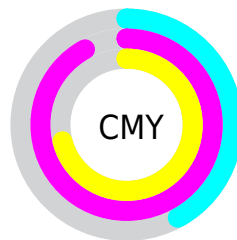
- Red (58%)
- Green (8%)
- Blue (29%)



- Red (58%)
- Yellow (8%)
- Blue (29%)



- Cyan (0%)
- Magenta (86%)
- Yellow (49%)
- Black (42%)



- Cyan (42%)
- Magenta (92%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93144B 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 93144B by changing the saturation by 10% instead.





93144B



93144B

FFFFFF



760035



CE517C



5A0020



EC6C95



400007



FF88B0



220001



FFA4CB



000000



FFC0E7



FFDDFF



FFFAFF



93144B



93144B

■ 930543

■ 932353

■ 930040

■ 93315C

■ 934064

■ 934F6C

■ 935E75

■ 936C7D

■ 937B85

■ 938A8E

■ 939896

# Harmonies

## Analogous

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



7F2774



93144B



902322

# Triad

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



93144B



305600



005A96

# Complementary

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



93144B



14935C

# 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.



005E77



93144B



005B21

# Square

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



93144B



5B4B00



005E4E



0051A0

# Rectangle

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



93144B



833305



005E4E



005C8E



# Sweetspot

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



93144B



BF8EA3



5C1493



614350



E0E0E0



616161



# Same Dimension

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



93144B



BF0053



931C14



4A4346



8A003C



0A0004



# Inverse Universe

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



93144B



BF0053



148B93



4A4346



8A003C

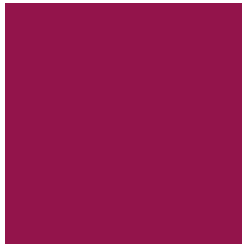


0A0004



# Previews

## White Background



This preview shows how the Hex color 93144B looks on a white background.

## Color Contrast Check

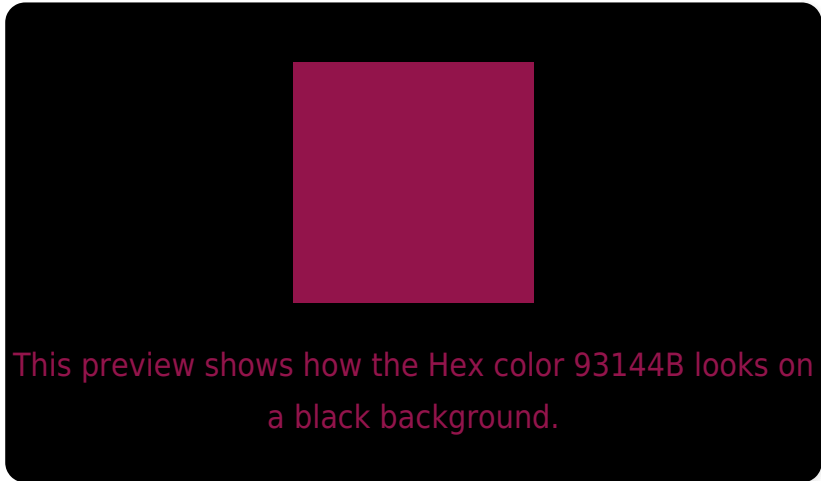
Large Text (above 18pt) WCAG AA ✓ Pass

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 93144B Background



This preview shows how black text looks on a background with the Hex color 93144B.



This preview shows how white text looks on a background with the Hex color 93144B.

# 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**  
93144B

**Protanopia**  
464D69

**Deuteranopia**  
594B45



**Tritanopia**  
912223

# Trichromacy



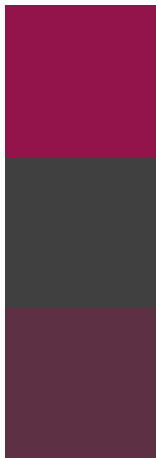
**Original Color**  
93144B

**Protanomaly**  
62385E

**Deuteranomaly**  
6E3747

**Tritanomaly**  
921D32

# Monochromacy



**Original Color**  
93144B

**Achromatopsia**  
404040

**Achromatomaly**  
5E3044

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93144B 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 #93144B looks like.

```
.text, #text, p{  
    color:#93144B  
}
```

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 #93144B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93144B
}
```

## Border

The CSS property to change the border of an element to Hex 93144B 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
#93144B }
```

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

```
.border{ border-color:#93144B }
```

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

Here you see how a box with a 4 pixel #93144B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93144B; -webkit-box-shadow:4px 4px  
4px 4px #93144B; box-shadow:4px 4px 4px  
4px #93144B }
```

# Background

The CSS property to change the background color of an element to Hex 93144B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93144B }
```

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

```
.background{ background-color:#93144B }
```

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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