

# Converting Colors

Hex(94364E)

Have a look what the booklet for  
Hex(94364E) contains.

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# Color

**Hex(94364E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94364E
RGB	148, 54, 78
RGB Percent	58%, 21%, 31%
CMY	0.4196, 0.7882, 0.6941
CMYK	0.00, 0.64, 0.47, 0.42
HSL	345°, 47%, 40%
HSV	345°, 64%, 58%
XYZ	14.9071, 9.4843, 8.2527
YIQ	84.8420, 48.3200, 27.3920

# Conversions

## Conversions Part 2

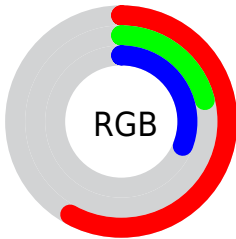
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 54, 78
Decimal	9713230
CIE <sub>Lab</sub>	36.90, 41.62, 6.57
CIE <sub>LCh</sub>	37, 42.138, 8.967
Yxy	9.4843, 0.4567, 0.2905
Android (android.graphics.Color)	4287903310 (0xFF94364E)
YUV	84.8420, -3.3731, 55.3896
Hunter-Lab	30.7966, 32.5088, 5.6694

# Details

The Hex color **94364E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **36947C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **CE6A7F**, and **5D0022** is the 20% darker color. If you saturate the color by 10%, you get **942743**, and if you desaturate by 10%, it is **944559**.

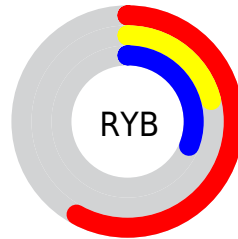
# Distribution



Red (58%)

Green (21%)

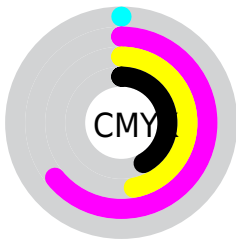
Blue (31%)



Red (58%)

Yellow (21%)

Blue (31%)

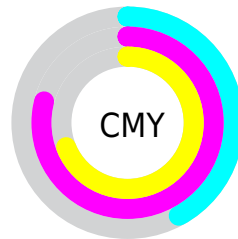


Cyan (0%)

Magenta (64%)

Yellow (47%)

Black (42%)



Cyan (42%)

Magenta (79%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94364E 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 94364E by changing the saturation by 10% instead.



■ 94364E

■ 94364E

FFFFFF

■ 781B37

■ CE6A7F

■ 5D0022

■ EB8499

■ 42000C

■ FF9FB3

■ 290001

■ FFBBCF

■ 000000

■ FFD7EB

■ FFF4FF

■ 94364E

■ 94364E

■ 942743

■ 944559

■ 941838

■ 945464

■ 940A2D

■ 94626F

■ 940026

■ 94717A

■ 948085

■ 948F90

■ 949E9B

■ 94ACA6

■ 94BBB1

# Harmonies

## Analogous

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



873B70



94364E



8F3E2E

# Triad

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



94364E



3A611E



006196

# Complementary

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



94364E



36947C

# 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.



006681



94364E



00653D

# Square

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



94364E



5F5809



006760



1E579A

# Rectangle

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



94364E



83481C



006760



006391



# Sweetspot

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



94364E



BF9BA4



7B3694



614B50



E0E0E0



616161



# Same Dimension

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



94364E



BF2E53



944C36



4A4344



8A0023



0A0003



# Inverse Universe

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



94364E



BF2E53



367E94



4A4344



8A0023

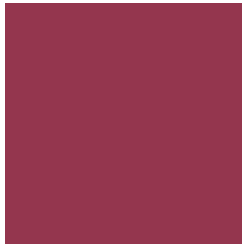


0A0003



# Previews

## White Background



This preview shows how the Hex color 94364E looks on a white background.

## Color Contrast Check

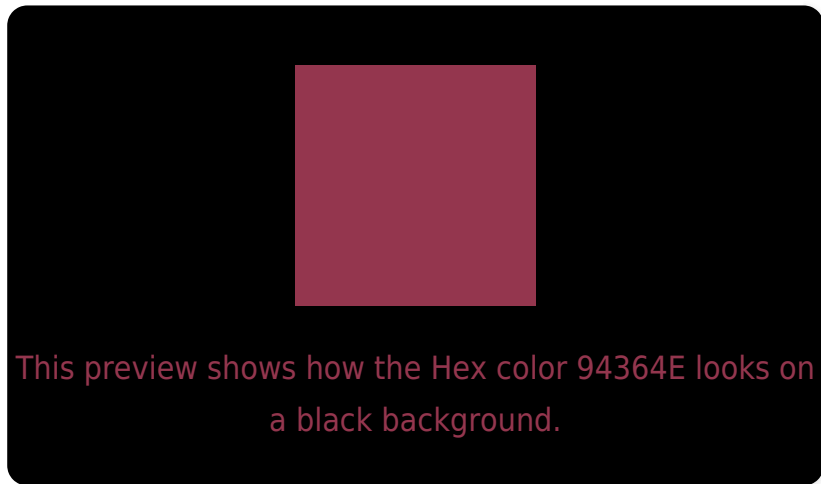
Large Text (above 18pt) WCAG AA ✓ Pass

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

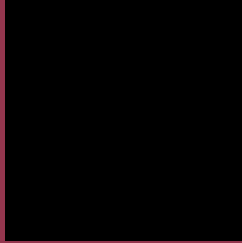
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94364E Background



This preview shows how black text looks on a background with the Hex color 94364E.

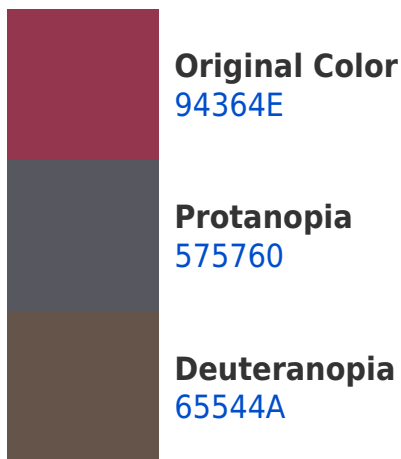



This preview shows how white text looks on a background with the Hex color 94364E.

# 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





**Tritanopia**  
93393D

# Trichromacy



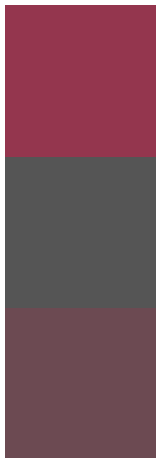
**Original Color**  
94364E

**Protanomaly**  
6D4B59

**Deuteranomaly**  
76494B

**Tritanomaly**  
933843

# Monochromacy



**Original Color**  
94364E

**Achromatopsia**  
555555

**Achromatomaly**  
6C4A52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94364E 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 #94364E looks like.

```
.text, #text, p{  
    color:#94364E  
}
```

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 #94364E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94364E
}
```

## Border

The CSS property to change the border of an element to Hex 94364E is called "border". The border property can be set on classes, ids or directly on the HTML element.

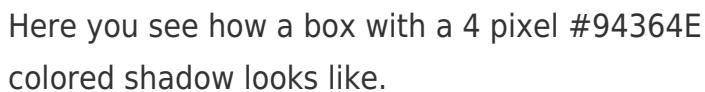
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94364E }
```

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

```
.border{ border-color:#94364E }
```

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



Here you see how a box with a 4 pixel #94364E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94364E; -webkit-box-shadow:4px 4px  
4px 4px #94364E; box-shadow:4px 4px 4px  
4px #94364E }
```

# Background

The CSS property to change the background color of an element to Hex 94364E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94364E }
```

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

```
.background{ background-color:#94364E }
```

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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