

# Converting Colors

Hex(93393E)

Have a look what the booklet for  
Hex(93393E) contains.

<b>Hex(93393E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(93393E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93393E
RGB	147, 57, 62
RGB Percent	58%, 22%, 24%
CMY	0.4235, 0.7765, 0.7569
CMYK	0.00, 0.61, 0.58, 0.42
HSL	357°, 44%, 40%
HSV	357°, 61%, 58%
XYZ	14.3653, 9.4771, 5.6296
YIQ	84.4800, 52.0350, 20.6350

# Conversions

## Conversions Part 2

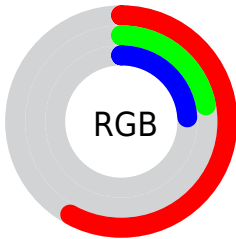
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 57, 62
Decimal	9648446
CIE <sub>Lab</sub>	36.89, 38.37, 16.68
CIE <sub>LCh</sub>	37, 41.841, 23.490
Yxy	9.4771, 0.4874, 0.3216
Android (android.graphics.Color)	4287838526 (0xFF93393E)
YUV	84.4800, -11.0826, 54.8300
Hunter-Lab	30.7849, 29.4204, 10.7072

# Details

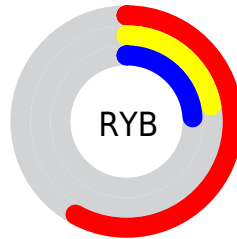
The Hex color **93393E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **39938E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **CD6C6D**, and **5B0014** is the 20% darker color. If you saturate the color by 10%, you get **932A30**, and if you desaturate by 10%, it is **93484C**.

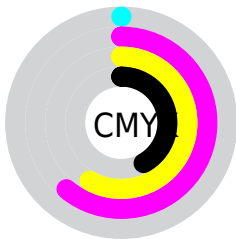
# Distribution



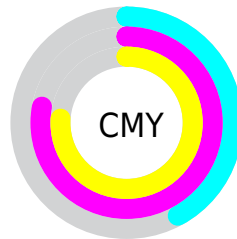
- Red (58%)
- Green (22%)
- Blue (24%)



- Red (58%)
- Yellow (22%)
- Blue (24%)



- Cyan (0%)
- Magenta (61%)
- Yellow (58%)
- Black (42%)



- Cyan (42%)
- Magenta (78%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93393E 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 93393E by changing the saturation by 10% instead.



 93393E

 93393E

FFFFFF

 771F28

 CD6C6D

 5B0014

 EB8687

 400000

 FFA1A1

 260001

 FFBDBC

 000000

 FFD9D8

 FFF6F4

 93393E

 93393E

 932A30

 93484C

931C22

93565A

930D14

936568

930008

937476

938383

939191

93A09F

93AFAD

93BDBB

# Harmonies

## Analogous

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



903760



93393E



864521

# Triad

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



93393E



21632C



005D9A

# Complementary

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



93393E



39938E

# 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.



00648C



93393E



00664E

# Square

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



93393E



4E5D12



006771



495195

# Rectangle

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



93393E



774E11



006771



006097



# Sweetspot

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



93393E



BF9D9F



8D3993



614C4D



E0E0E0



616161



# Same Dimension

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



93393E



BF343B



936039



4A4343



8A0008



0A0001



# Inverse Universe

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



93393E



BF343B



396C93



4A4343



8A0008



0A0001



# Previews

## White Background



This preview shows how the Hex color 93393E looks on a white background.

## Color Contrast Check

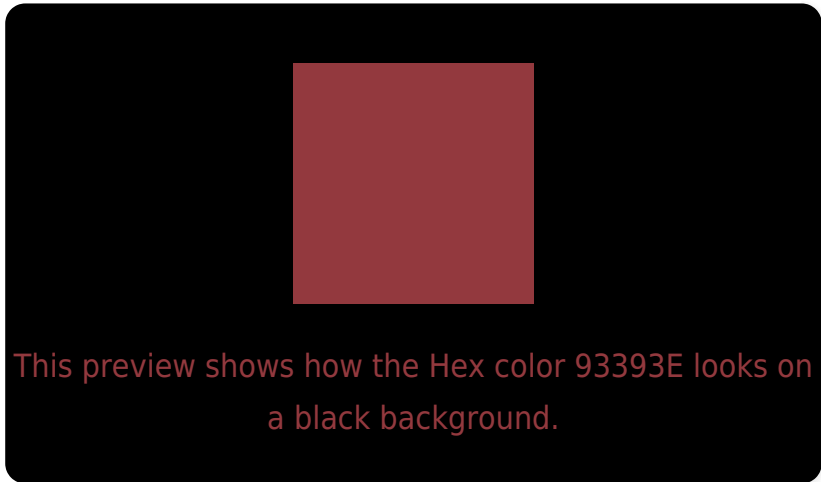
Large Text (above 18pt) WCAG AA ✓ Pass

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 93393E Background



This preview shows how black text looks on a background with the Hex color 93393E.

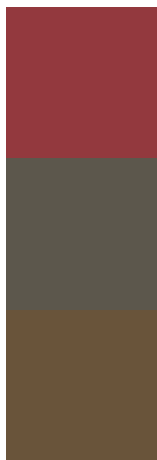


This preview shows how white text looks on a background with the Hex color 93393E.

# 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**  
93393E

**Protanopia**  
5C574C

**Deuteranopia**  
69543A



**Tritanopia**  
93393D

# Trichromacy



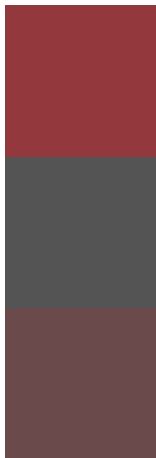
**Original Color**  
93393E

**Protanomaly**  
704C47

**Deuteranomaly**  
784A3B

**Tritanomaly**  
93393D

# Monochromacy



**Original Color**  
93393E

**Achromatopsia**  
545454

**Achromatomaly**  
6B4A4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93393E 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 #93393E looks like.

```
.text, #text, p{  
    color:#93393E  
}
```

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 #93393E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93393E
}
```

## Border

The CSS property to change the border of an element to Hex 93393E is called "border". The border property can be set on classes, ids or directly on the HTML element.

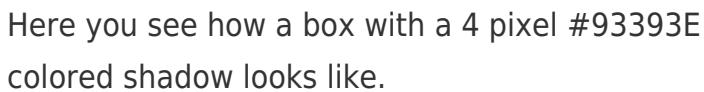
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93393E }
```

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

```
.border{ border-color:#93393E }
```

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



Here you see how a box with a 4 pixel #93393E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93393E; -webkit-box-shadow:4px 4px  
4px 4px #93393E; box-shadow:4px 4px 4px  
4px #93393E }
```

# Background

The CSS property to change the background color of an element to Hex 93393E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93393E }
```

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

```
.background{ background-color:#93393E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor