

# Converting Colors

Hex(893340)

Have a look what the booklet for  
Hex(893340) contains.

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**Color**

**Hex(893340)**

# Conversions

## Conversions Part 1

Format	Color
Hex	893340
RGB	137, 51, 64
RGB Percent	54%, 20%, 25%
CMY	0.4627, 0.8000, 0.7490
CMYK	0.00, 0.63, 0.53, 0.46
HSL	351°, 46%, 37%
HSV	351°, 63%, 54%
XYZ	12.4258, 8.0562, 5.7506
YIQ	78.1960, 47.0830, 22.2750

# Conversions

## Conversions Part 2

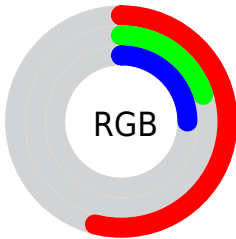
Format	Color
<a href="#">RYB</a>	<a href="#">137, 51, 64</a>
Decimal	<a href="#">8991552</a>
CIELab	<a href="#">34.10, 37.82, 11.34</a>
CIELCh	<a href="#">34, 39.482, 16.693</a>
Yxy	<a href="#">8.0562, 0.4737, 0.3071</a>
Android (android.graphics.Color)	<a href="#">4287181632 (0xFF893340)</a>
YUV	<a href="#">78.1960, -6.9986, 51.5711</a>
Hunter-Lab	<a href="#">28.3834, 28.4732, 7.8560</a>

# Details

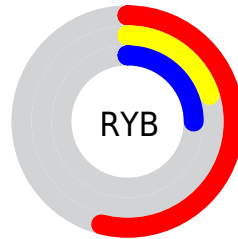
The Hex color **893340** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **33897C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **C26670**, and **520016** is the 20% darker color. If you saturate the color by 10%, you get **892534**, and if you desaturate by 10%, it is **89414C**.

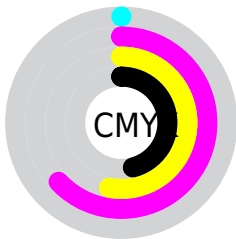
# Distribution



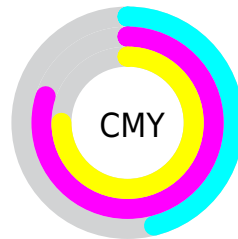
- Red (54%)
- Green (20%)
- Blue (25%)



- Red (54%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (63%)
- Yellow (53%)
- Black (46%)



- Cyan (46%)
- Magenta (80%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 893340 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 893340 by changing the saturation by 10% instead.



 893340

 893340

FFFFFF

 6D192A

 C26670

 520016

 DF8089

 390000

 FD9BA3

 190001

 FFB6BE

 000000

 FFD2DA

 FFEFF6

 893340

 893340

 892534

 89414C

■ 891829

■ 894E57

■ 890A1D

■ 895C63

■ 890015

■ 896A6F

■ 89787A

■ 898586

■ 899391

■ 89A19D

■ 89AEA9

# Harmonies

## Analogous

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



823460



893340



803D23

# Triad

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



893340



2B5B22



00588D

# Complementary

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



893340



33897C

# 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.



005D7D



893340



005E41

# Square

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



893340



50540C



005F61



354E8C

# Rectangle

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



893340



744514



005F61



005A8A



# Sweetspot

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



893340



B39196



7B3389



594548



D9D9D9



595959



# Same Dimension

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



893340



B32D41



895033



453E3F



850014



050001



# Inverse Universe

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



893340



B32D41



336C89



453E3F



850014

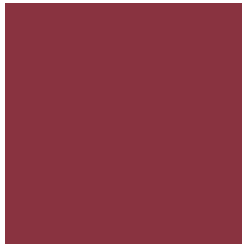


050001



# Previews

## White Background



This preview shows how the Hex color 893340 looks on a white background.

## Color Contrast Check

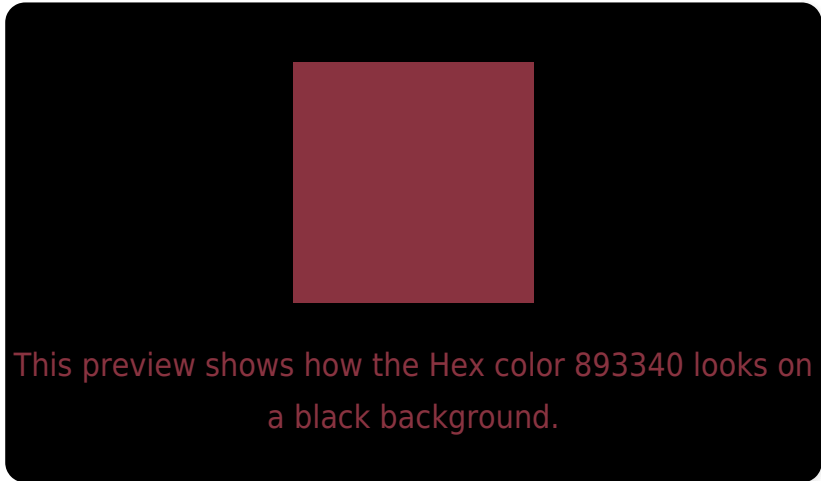
Large Text (above 18pt) WCAG AA ✓ Pass

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

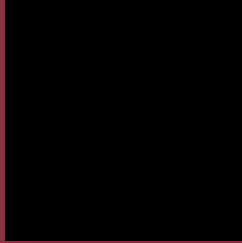
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 893340 Background



This preview shows how black text looks on a background with the Hex color 893340.



This preview shows how white text looks on a background with the Hex color 893340.

# 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**  
893340

**Protanopia**  
53514F

**Deuteranopia**  
604E3C



# Trichromacy



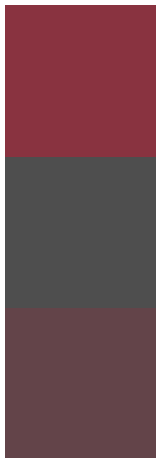
**Original Color**  
893340

**Protanomaly**  
67464A

**Deuteranomaly**  
6F443D

**Tritanomaly**  
89343B

# Monochromacy



**Original Color**  
893340

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
634449

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 893340 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 #893340 looks like.

```
.text, #text, p{  
    color:#893340  
}
```

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 #893340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #893340
}
```

## Border

The CSS property to change the border of an element to Hex 893340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

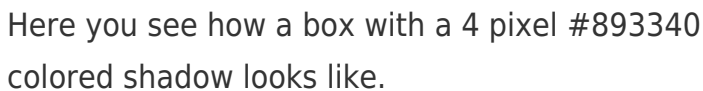
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#893340 }
```

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

```
.border{ border-color:#893340 }
```

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



Here you see how a box with a 4 pixel #893340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #893340; -webkit-box-shadow:4px 4px  
4px 4px #893340; box-shadow:4px 4px 4px  
4px #893340 }
```

# Background

The CSS property to change the background color of an element to Hex 893340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#893340 }
```

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

```
.background{ background-color:#893340 }
```

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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