

# Converting Colors

Hex(953940)

Have a look what the booklet for  
Hex(953940) contains.

<b>Hex(953940)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(953940)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	953940
RGB	149, 57, 64
RGB Percent	58%, 22%, 25%
CMY	0.4157, 0.7765, 0.7490
CMYK	0.00, 0.62, 0.57, 0.42
HSL	355°, 45%, 40%
HSV	355°, 62%, 58%
XYZ	14.7830, 9.6860, 5.9409
YIQ	85.3060, 52.5850, 21.6810

# Conversions

## Conversions Part 2

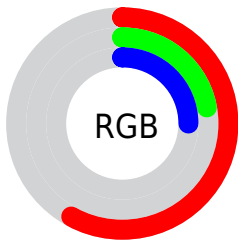
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">149, 57, 64</a>
Decimal	<a href="#">9779520</a>
CIELab	<a href="#">37.27, 39.27, 15.99</a>
CIELCh	<a href="#">37, 42.399, 22.160</a>
Yxy	<a href="#">9.6860, 0.4861, 0.3185</a>
Android (android.graphics.Color)	<a href="#">4287969600 (0xFF953940)</a>
YUV	<a href="#">85.3060, -10.5039, 55.8596</a>
Hunter-Lab	<a href="#">31.1223, 30.3227, 10.4678</a>

# Details

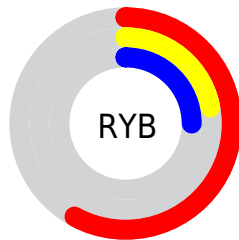
The Hex color **953940** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **39958E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **CF6C70**, and **5D0016** is the 20% darker color. If you saturate the color by 10%, you get **952A32**, and if you desaturate by 10%, it is **95484E**.

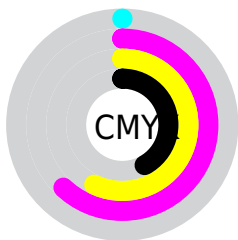
# Distribution



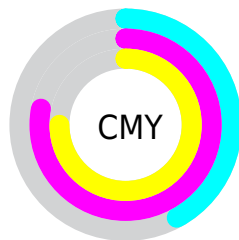
- Red (58%)
- Green (22%)
- Blue (25%)



- Red (58%)
- Yellow (22%)
- Blue (25%)



- Cyan (0%)
- Magenta (62%)
- Yellow (57%)
- Black (42%)



- Cyan (42%)
- Magenta (78%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 953940 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 953940 by changing the saturation by 10% instead.



 953940

 953940

FFFFFF

 791F2A

 CF6C70

 5D0016

 ED8789

 420000

 FFA2A3

 290001

 FFBDBE

 000000

 FFDADA

 FFF6F7

 953940

 953940

 952A32

 95484E

951B24

95575C

950C17

956669

95000B

957577

958485

959293

95A1A0

95B0AE

95BFBC

# Harmonies

## Analogous

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



913862



953940



894522

# Triad

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



953940



24642B



005E9B

# Complementary

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



953940



39958E

# 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.



00658D



953940



00674D

# Square

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



953940



515D10



006871



475297

# Rectangle

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



953940



7A4F12



006871



006199



# Sweetspot

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



953940



C29DA0



8D3995



614B4C



E0E0E0



616161



# Same Dimension

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



953940



C2323D



955F39



4A4343



8A000A



0A0001



# Inverse Universe

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



953940



C2323D



396F95



4A4343



8A000A



0A0001



# Previews

## White Background



This preview shows how the Hex color 953940 looks on a white background.

## Color Contrast Check

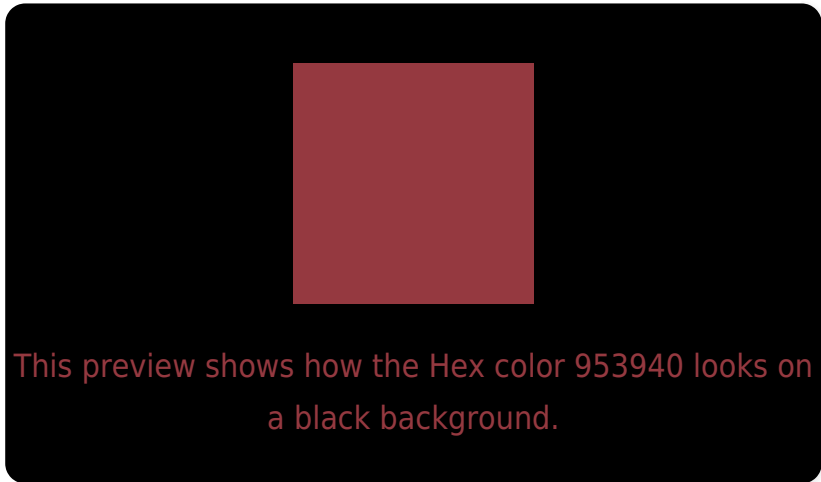
Large Text (above 18pt) WCAG AA ✓ Pass

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 953940 Background



This preview shows how black text looks on a background with the Hex color 953940.

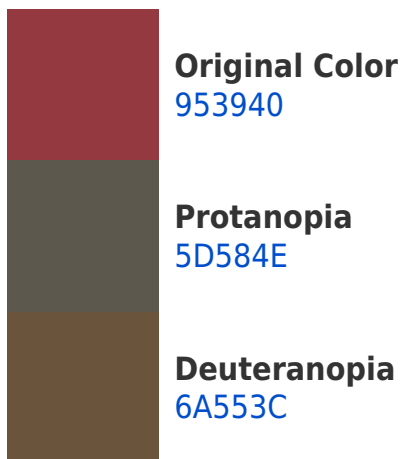


This preview shows how white text looks on a background with the Hex color 953940.

# 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



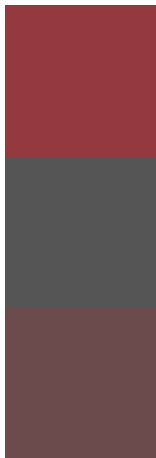
**Original Color**  
953940

**Protanomaly**  
714D49

**Deuteranomaly**  
7A4B3D

**Tritanomaly**  
95393E

# Monochromacy



**Original Color**  
953940

**Achromatopsia**  
555555

**Achromatomaly**  
6C4B4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 953940 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 #953940 looks like.

```
.text, #text, p{  
    color:#953940  
}
```

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 #953940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953940
}
```

## Border

The CSS property to change the border of an element to Hex 953940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

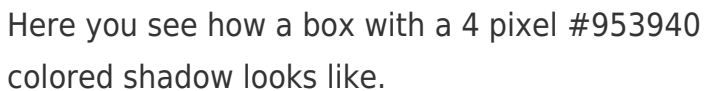
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#953940 }
```

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

```
.border{ border-color:#953940 }
```

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



Here you see how a box with a 4 pixel #953940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953940; -webkit-box-shadow:4px 4px  
4px 4px #953940; box-shadow:4px 4px 4px  
4px #953940 }
```

# Background

The CSS property to change the background color of an element to Hex 953940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953940 }
```

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

```
.background{ background-color:#953940 }
```

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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