

Converting Colors

Hex(933C52)

Have a look what the booklet for
Hex(933C52) contains.

Hex(933C52)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(933C52)

Conversions

Conversions Part 1

Format	Color
Hex	933C52
RGB	147, 60, 82
RGB Percent	58%, 24%, 32%
CMY	0.4235, 0.7647, 0.6784
CMYK	0.00, 0.59, 0.44, 0.42
HSL	345°, 42%, 41%
HSV	345°, 59%, 58%
XYZ	15.1715, 10.0440, 9.1217
YIQ	88.5210, 44.7900, 25.2860

Conversions

Conversions Part 2

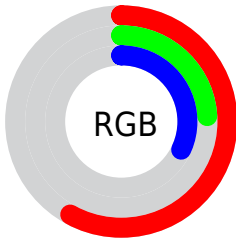
Format	Color
R_{YB}	147, 60, 82
Decimal	9649234
CIE _{Lab}	37.92, 38.81, 5.46
CIE _{LCh}	38, 39.190, 8.002
Yxy	10.0440, 0.4418, 0.2925
Android (android.graphics.Color)	4287839314 (0xFF933C52)
YUV	88.5210, -3.2149, 51.2861
Hunter-Lab	31.6922, 29.9889, 5.1196

Details

The Hex color **933C52** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3C937D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **CC6F83**, and **5C0426** is the 20% darker color. If you saturate the color by 10%, you get **932D47**, and if you desaturate by 10%, it is **934B5D**.

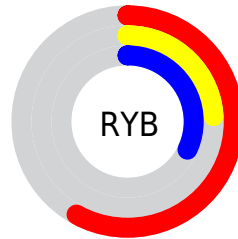
Distribution



Red (58%)

Green (24%)

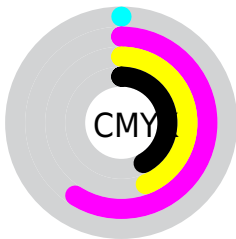
Blue (32%)



Red (58%)

Yellow (24%)

Blue (32%)

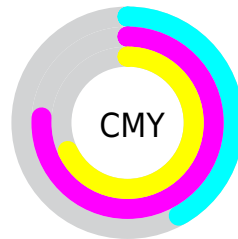


Cyan (0%)

Magenta (59%)

Yellow (44%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933C52 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 933C52 by changing the saturation by 10% instead.

 933C52

 933C52

FFFFFF

 77223B

 CC6F83

 5C0426

 E9899D

 420011

 FFA5B8

 2A0001

 FFC0D4

 000000

 FFDDF0

 FFFAFF

 933C52

 933C52

 932D47

 934B5D

931F3C

935968

931031

936873

930126

93777E

930025

938589

939494

93A39F

93B2AA

93C0B5

Harmonies

Analogous

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



864172



933C52



8F4334

Triad

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



933C52



406224



006394

Complementary

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



933C52



3C937D

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.



00687F



933C52



006740

Square

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



933C52



625A15



006961



295A98

Rectangle

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



933C52



844B23



006961



00658F

Sweetspot

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



933C52



BF9DA6



7C3C93



614C51



E0E0E0



616161

Same Dimension

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



933C52



BF375A



93503C



4A4344



8A0023



0A0003

Inverse Universe

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



933C52



BF375A



3C7F93



4A4344



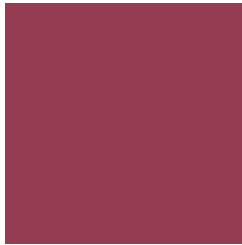
8A0023



0A0003

Previews

White Background



This preview shows how the Hex color 933C52 looks on a white background.

Color Contrast Check

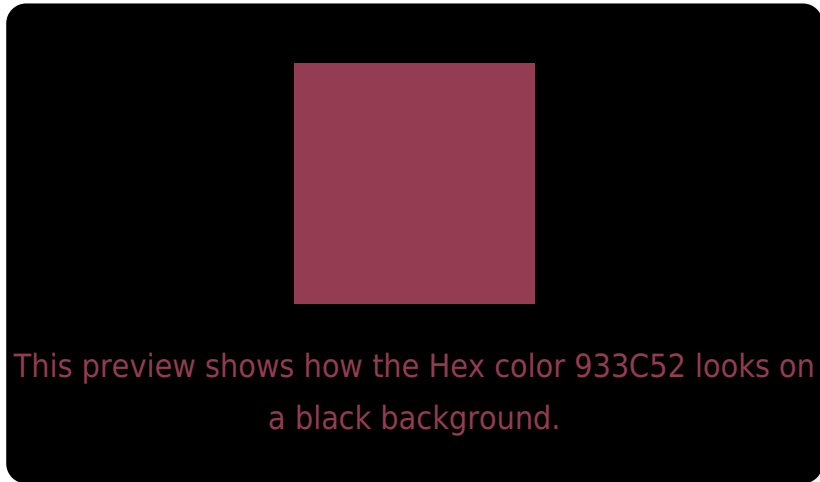
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

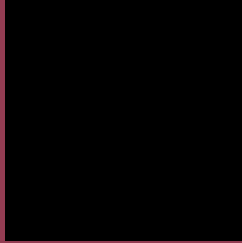
Any Text WCAG AA × Fail

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 933C52 Background



This preview shows how black text looks on a background with the Hex color 933C52.

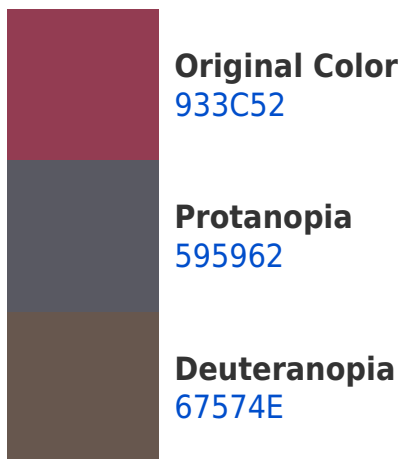


This preview shows how white text looks on a background with the Hex color 933C52.

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
923F43

Trichromacy



Original Color
933C52

Protanomaly
6E4E5C

Deuteranomaly
774D4F

Tritanomaly
923E48

Monochromacy



Original Color
933C52

Achromatopsia
595959

Achromatomaly
6E4E56

CSS Examples

Text

The CSS property to change the color of the text to Hex 933C52 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 #933C52 looks like.

```
.text, #text, p{  
    color:#933C52  
}
```

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 #933C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933C52
}
```

Border

The CSS property to change the border of an element to Hex 933C52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

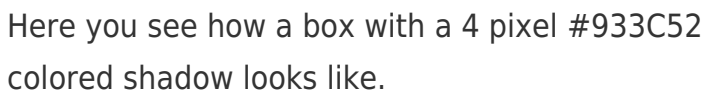
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933C52 }
```

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

```
.border{ border-color:#933C52 }
```

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



Here you see how a box with a 4 pixel #933C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933C52; -webkit-box-shadow:4px 4px  
4px 4px #933C52; box-shadow:4px 4px 4px  
4px #933C52 }
```

Background

The CSS property to change the background color of an element to Hex 933C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933C52 }
```

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

```
.background{ background-color:#933C52 }
```

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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