

Converting Colors

Hex(953A49)

Have a look what the booklet for
Hex(953A49) contains.

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Color

Hex(953A49)

Conversions

Conversions Part 1

Format	Color
Hex	953A49
RGB	149, 58, 73
RGB Percent	58%, 23%, 29%
CMY	0.4157, 0.7725, 0.7137
CMYK	0.00, 0.61, 0.51, 0.42
HSL	350°, 44%, 41%
HSV	350°, 61%, 58%
XYZ	15.1101, 9.8967, 7.4172
YIQ	86.9190, 49.4210, 23.9570

Conversions

Conversions Part 2

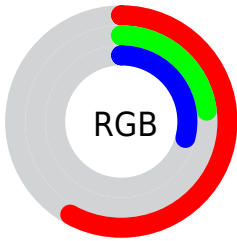
Format	Color
R_{YB}	149, 58, 73
Decimal	9779785
CIE _{Lab}	37.66, 39.58, 10.83
CIE _{LCh}	38, 41.038, 15.301
Yxy	9.8967, 0.4660, 0.3052
Android (android.graphics.Color)	4287969865 (0xFF953A49)
YUV	86.9190, -6.8621, 54.4450
Hunter-Lab	31.4590, 30.6819, 8.0423

Details

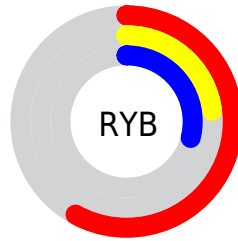
The Hex color **953A49** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3A9586**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **CF6D79**, and **5D001E** is the 20% darker color. If you saturate the color by 10%, you get **952B3D**, and if you desaturate by 10%, it is **954955**.

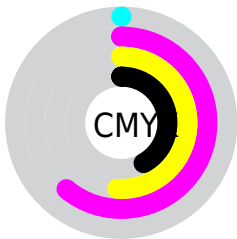
Distribution



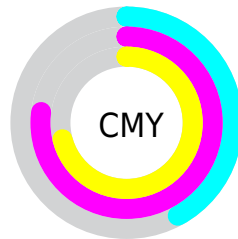
- Red (58%)
- Green (23%)
- Blue (29%)



- Red (58%)
- Yellow (23%)
- Blue (29%)



- Cyan (0%)
- Magenta (61%)
- Yellow (51%)
- Black (42%)



- Cyan (42%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 953A49 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 953A49 by changing the saturation by 10% instead.

 953A49

 953A49

FFFFFF

 792033

 CF6D79

 5D001E

 EC8893

 430004

 FFA3AE

 2A0001

 FFBE9

 000000

 FFDBE5

 FFF8FF

 953A49

 953A49

 952B3D

 954955

 951C30

 955862

 950D24

 95676E

 950019

 95767B

 958487

 959394

 95A2A0

 95B1AD

 95C0B9

Harmonies

Analogous

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



8C3C6A



953A49



8D442B

Triad

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



953A49



346427



006199

Complementary

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



953A49



3A9586

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.



006787



953A49



006747

Square

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



953A49



5A5C11



006969



395699

Rectangle

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



953A49



804D1A



006969



006395

Sweetspot

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



953A49



C29FA5



863A95



614C4F



E0E0E0



616161

Same Dimension

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



953A49



C2344C



95583A



4A4344



8A0017



0A0002

Inverse Universe

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



953A49



C2344C



3A7795



4A4344



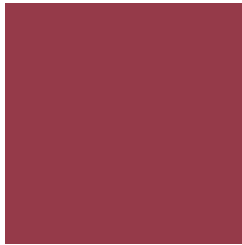
8A0017



0A0002

Previews

White Background



This preview shows how the Hex color 953A49 looks on a white background.

Color Contrast Check

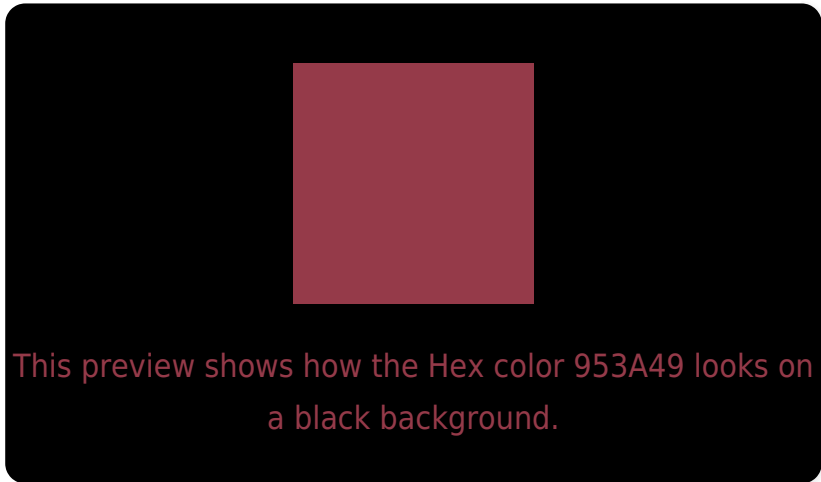
Large Text (above 18pt) WCAG AA ✓ Pass

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

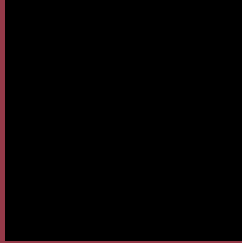
Any Text WCAG AA × Fail

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 953A49 Background



This preview shows how black text looks on a background with the Hex color 953A49.



This preview shows how white text looks on a background with the Hex color 953A49.

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
953A49

Protanopia
5B5959

Deuteranopia
695645



Tritanopia
943C40

Trichromacy



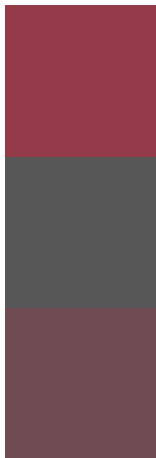
Original Color
953A49

Protanomaly
704E53

Deuteranomaly
794C46

Tritanomaly
943B43

Monochromacy



Original Color
953A49

Achromatopsia
575757

Achromatomaly
6E4C52

CSS Examples

Text

The CSS property to change the color of the text to Hex 953A49 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 #953A49 looks like.

```
.text, #text, p{  
    color:#953A49  
}
```

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 #953A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953A49
}
```

Border

The CSS property to change the border of an element to Hex 953A49 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
#953A49 }
```

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

```
.border{ border-color:#953A49 }
```

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

Here you see how a box with a 4 pixel #953A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953A49; -webkit-box-shadow:4px 4px  
4px 4px #953A49; box-shadow:4px 4px 4px  
4px #953A49 }
```

Background

The CSS property to change the background color of an element to Hex 953A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953A49 }
```

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

```
.background{ background-color:#953A49 }
```

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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