

Converting Colors

Hex(953C6A)

Have a look what the booklet for
Hex(953C6A) contains.

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Color

Hex(953C6A)

Conversions

Conversions Part 1

Format	Color
Hex	953C6A
RGB	149, 60, 106
RGB Percent	58%, 24%, 42%
CMY	0.4157, 0.7647, 0.5843
CMYK	0.00, 0.60, 0.29, 0.42
HSL	329°, 43%, 41%
HSV	329°, 60%, 58%
XYZ	16.6118, 10.6619, 14.8181
YIQ	91.8550, 38.2780, 33.1740

Conversions

Conversions Part 2

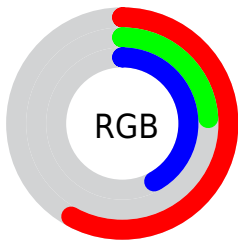
Format	Color
R_{YB}	149, 60, 106
Decimal	9780330
CIE _{Lab}	39.01, 42.46, -8.04
CIE _{LCh}	39, 43.215, 349.281
Yxy	10.6619, 0.3947, 0.2533
Android (android.graphics.Color)	4287970410 (0xFF953C6A)
YUV	91.8550, 6.9735, 50.1162
Hunter-Lab	32.6525, 33.6690, -4.0497

Details

The Hex color **953C6A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3C9567**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **CE709D**, and **5F003B** is the 20% darker color. If you saturate the color by 10%, you get **952D63**, and if you desaturate by 10%, it is **954B71**.

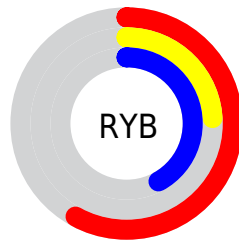
Distribution



Red (58%)

Green (24%)

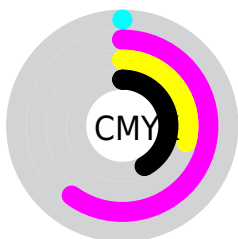
Blue (42%)



Red (58%)

Yellow (24%)

Blue (42%)

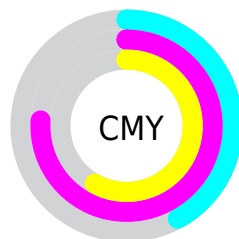


Cyan (0%)

Magenta (60%)

Yellow (29%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 953C6A 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 953C6A by changing the saturation by 10% instead.

 953C6A

 953C6A

FFFFFF

 7A2252

 CE709D

 5F003B

 EB8AB8

 450025

 FFA6D4

 2F0010

 FFC1F0

 000000

 FFDEFF

 FFFBFF

 953C6A

 953C6A

 952D63

 954B71

951E5C

955A78

950F54

956980

95004D

957887

95878E

959595

95A49C

95B3A4

95C2AB

Harmonies

Analogous

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



7A498A



953C6A



9B3C47

Triad

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



953C6A



586111



006A90

Complementary

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



953C6A



3C9567

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.



006D72



953C6A



2D682B

Square

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



953C6A



785610



006C4E



0063A1

Rectangle

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



953C6A



964331



006C4E



006B88

Sweetspot

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



953C6A



C29FB1



663C95



614C57



E0E0E0



616161

Same Dimension

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



953C6A



C2367E



953C3F



4A4346



8A0047



0A0005

Inverse Universe

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



953C6A



C2367E



3C9592



4A4346



8A0047



0A0005

Previews

White Background



This preview shows how the Hex color 953C6A looks on a white background.

Color Contrast Check

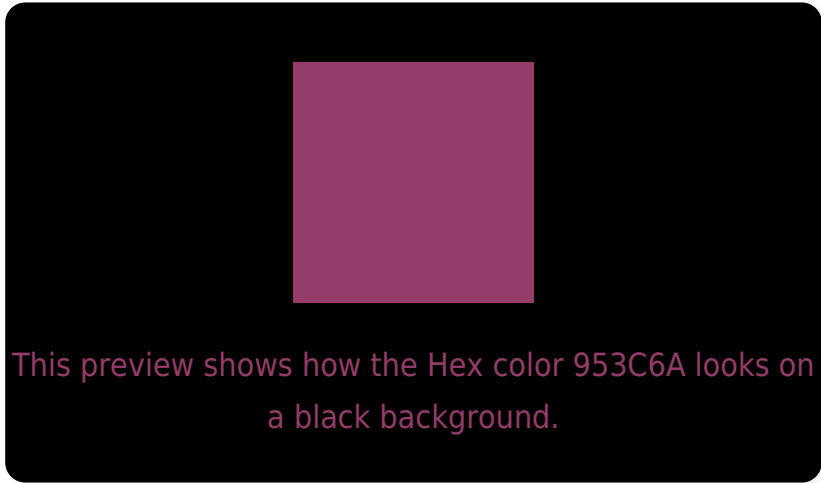
Large Text (above 18pt) WCAG AA ✓ Pass

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

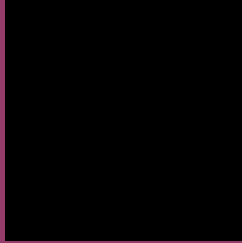
Any Text WCAG AA × Fail

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 953C6A Background



This preview shows how black text looks on a background with the Hex color 953C6A.



This preview shows how white text looks on a background with the Hex color 953C6A.

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
953C6A

Protanopia
525B80

Deuteranopia
625A65



Tritanopia
924448

Trichromacy



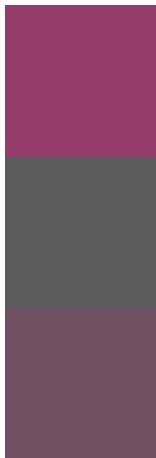
Original Color
953C6A

Protanomaly
6A5078

Deuteranomaly
754F67

Tritanomaly
934154

Monochromacy



Original Color
953C6A

Achromatopsia
5C5C5C

Achromatomaly
715061

CSS Examples

Text

The CSS property to change the color of the text to Hex 953C6A 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 #953C6A looks like.

```
.text, #text, p{  
    color:#953C6A  
}
```

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 #953C6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953C6A
}
```

Border

The CSS property to change the border of an element to Hex 953C6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

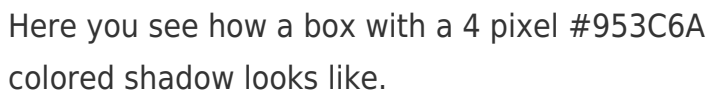
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#953C6A }
```

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

```
.border{ border-color:#953C6A }
```

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



Here you see how a box with a 4 pixel #953C6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953C6A; -webkit-box-shadow:4px 4px  
4px 4px #953C6A; box-shadow:4px 4px 4px  
4px #953C6A }
```

Background

The CSS property to change the background color of an element to Hex 953C6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953C6A }
```

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

```
.background{ background-color:#953C6A }
```

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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