

# Converting Colors

Hex(993C58)

Have a look what the booklet for  
Hex(993C58) contains.

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**Color**

**Hex(993C58)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	993C58
RGB	153, 60, 88
RGB Percent	60%, 24%, 35%
CMY	0.4000, 0.7647, 0.6549
CMYK	0.00, 0.61, 0.42, 0.40
HSL	342°, 44%, 42%
HSV	342°, 61%, 60%
XYZ	16.5142, 10.7086, 10.4291
YIQ	90.9990, 46.4400, 28.4240

# Conversions

## Conversions Part 2

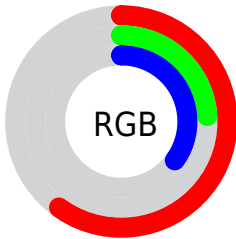
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 60, 88
Decimal	10042456
CIE <sub>Lab</sub>	39.09, 41.57, 3.47
CIE <sub>LCh</sub>	39, 41.711, 4.767
Yxy	10.7086, 0.4386, 0.2844
Android (android.graphics.Color)	4288232536 (0xFF993C58)
YUV	90.9990, -1.4785, 54.3749
Hunter-Lab	32.7240, 32.8131, 4.0112

# Details

The Hex color **993C58** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3C997D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **D2708A**, and **62012B** is the 20% darker color. If you saturate the color by 10%, you get **992D4D**, and if you desaturate by 10%, it is **994B63**.

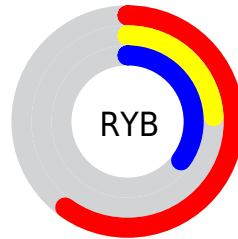
# Distribution



Red (60%)

Green (24%)

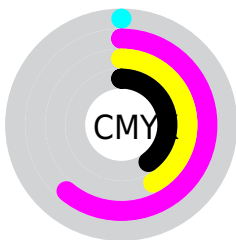
Blue (35%)



Red (60%)

Yellow (24%)

Blue (35%)

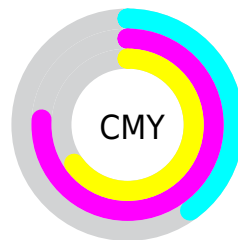


Cyan (0%)

Magenta (61%)

Yellow (42%)

Black (40%)



Cyan (40%)

Magenta (76%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 993C58 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 993C58 by changing the saturation by 10% instead.



 993C58

 993C58

FFFFFF

 7D2241

 D2708A

 62012B

 F08AA4

 470017

 FFA5BF

 300002

 FFC1DB

 000000

 FFDEF7

 FFFBFF

 993C58

 993C58

 992D4D

 994B63

991D43

995B6D

990E38

996A78

99002E

997983

99898D

999898

99A7A3

99B6AE

99C6B8

# Harmonies

## Analogous

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



89437A



993C58



964237

# Triad

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



993C58



466520



006799

# Complementary

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



993C58



3C997D

# 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.



006C82



993C58



016A3E

# Square

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



993C58



695C11



006C61



145EA0

# Rectangle

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



993C58



8C4B25



006C61



006993



# Sweetspot

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



993C58



C7A3AE



7C3C99



634E54



E3E3E3



636363



# Same Dimension

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



993C58



C73661



994D3C



4D4547



8C002A



0D0004



# Inverse Universe

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



993C58



C73661



3C8899



4D4547



8C002A

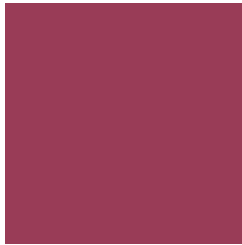


0D0004



# Previews

## White Background



This preview shows how the Hex color 993C58 looks on a white background.

## Color Contrast Check

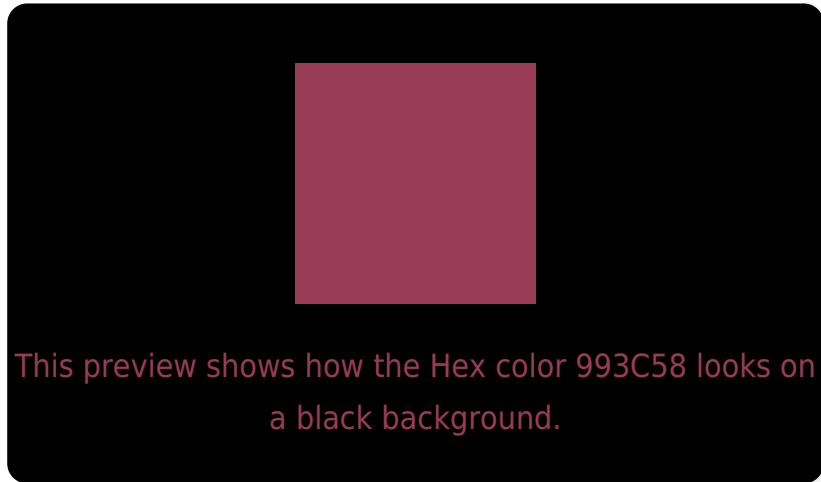
Large Text (above 18pt) WCAG AA ✓ Pass

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 993C58 Background



This preview shows how black text looks on a background with the Hex color 993C58.

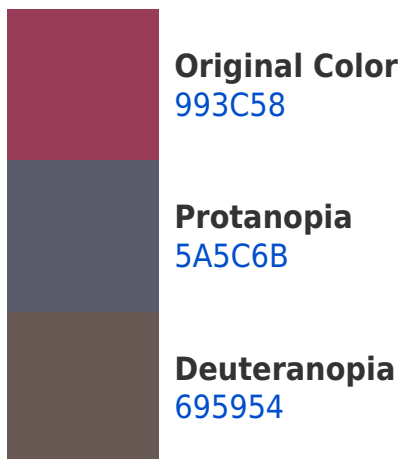


This preview shows how white text looks on a background with the Hex color 993C58.

# 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**  
984044

# Trichromacy



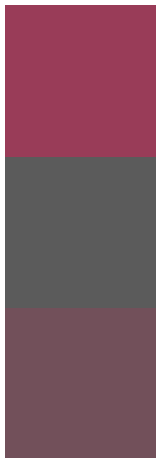
**Original Color**  
993C58

**Protanomaly**  
715064

**Deuteranomaly**  
7A4E55

**Tritanomaly**  
983F4B

# Monochromacy



**Original Color**  
993C58

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
72505A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 993C58 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 #993C58 looks like.

```
.text, #text, p{  
    color:#993C58  
}
```

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 #993C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993C58
}
```

## Border

The CSS property to change the border of an element to Hex 993C58 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
#993C58 }
```

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

```
.border{ border-color:#993C58 }
```

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

Here you see how a box with a 4 pixel #993C58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993C58; -webkit-box-shadow:4px 4px  
4px 4px #993C58; box-shadow:4px 4px 4px  
4px #993C58 }
```

# Background

The CSS property to change the background color of an element to Hex 993C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993C58 }
```

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

```
.background{ background-color:#993C58 }
```

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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