

# Converting Colors

Hex(993633)

Have a look what the booklet for  
Hex(993633) contains.

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**Color**

**Hex(993633)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	993633
RGB	153, 54, 51
RGB Percent	60%, 21%, 20%
CMY	0.4000, 0.7882, 0.8000
CMYK	0.00, 0.65, 0.67, 0.40
HSL	2°, 50%, 40%
HSV	2°, 67%, 60%
XYZ	15.0536, 9.6497, 4.2011
YIQ	83.2590, 59.9670, 20.0550

# Conversions

## Conversions Part 2

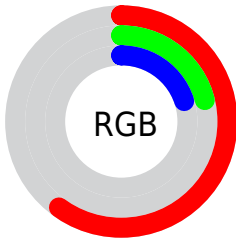
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 54, 51
Decimal	10040883
CIE <sub>Lab</sub>	37.21, 41.19, 24.15
CIE <sub>LCh</sub>	37, 47.745, 30.389
Yxy	9.6497, 0.5208, 0.3338
Android (android.graphics.Color)	4288230963 (0xFF993633)
YUV	83.2590, -15.9037, 61.1629
Hunter-Lab	31.0639, 32.1394, 13.7263

# Details

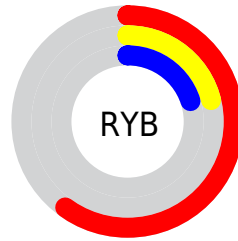
The Hex color **993633** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **339699**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **D46A62**, and **600006** is the 20% darker color. If you saturate the color by 10%, you get **992724**, and if you desaturate by 10%, it is **994542**.

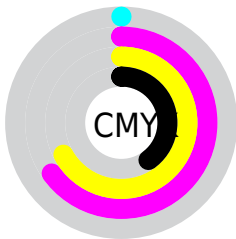
# Distribution



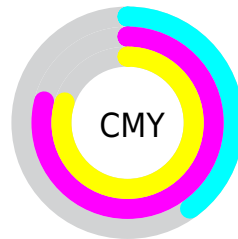
- Red (60%)
- Green (21%)
- Blue (20%)



- Red (60%)
- Yellow (21%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (67%)
- Black (40%)



- Cyan (40%)
- Magenta (79%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 993633 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 993633 by changing the saturation by 10% instead.



 993633

 993633

FFFFFF

 7C1B1E

 D46A62

 600006

 F3847A

 440000

 FF9F94

 2A0001

 FFBBAF

 000000

 FFD7CA

 FFF4E6

 993633

 993633

 992724

 994542

■ 991814

■ 995452

■ 990905

■ 996361

■ 990500

■ 997170

■ 998080

■ 998F8F

■ 999E9E

■ 99ADAD

■ 99BCBD

# Harmonies

## Analogous

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



9A2F59



993633



874711

# Triad

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



993633



00662F



005CA5

# Complementary

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



993633



339699

# 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.



00659A



993633



006957

# Square

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



993633



436008



00697E



564D9A

# Rectangle

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



993633



745100



00697E



0060A4



# Sweetspot

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



993633



C7A09F



993397



634C4C



E3E3E3



636363



# Same Dimension

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



993633



C72C28



996833



4D4545



8C0400



0D0000



# Inverse Universe

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



339699



28C2C7



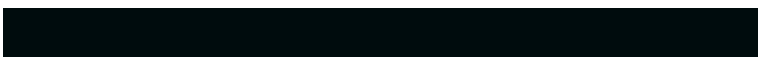
336499



454C4D



00888C



000C0D



# Previews

## White Background



This preview shows how the Hex color 993633 looks on a white background.

## Color Contrast Check

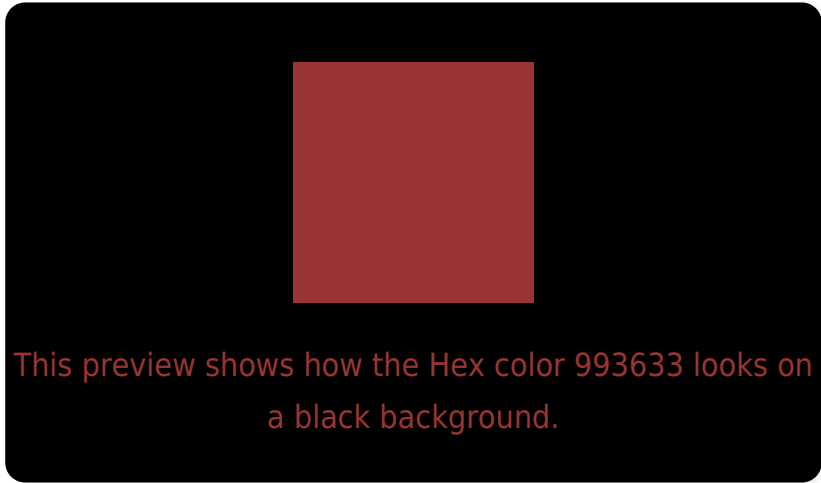
Large Text (above 18pt) WCAG AA ✓ Pass

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 993633 Background



This preview shows how black text looks on a background with the Hex color 993633.

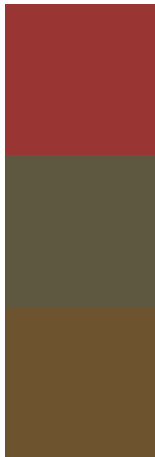


This preview shows how white text looks on a background with the Hex color 993633.

# 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**  
993633

**Protanopia**  
5F5840

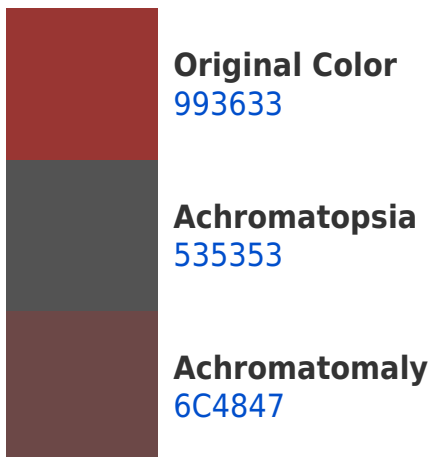
**Deuteranopia**  
6D542E



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 993633 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 #993633 looks like.

```
.text, #text, p{  
  color:#993633  
}
```

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 #993633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993633
}
```

## Border

The CSS property to change the border of an element to Hex 993633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

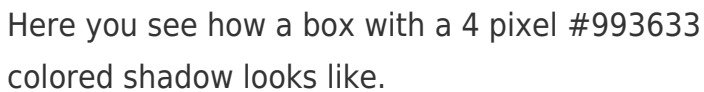
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#993633 }
```

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

```
.border{ border-color:#993633 }
```

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



Here you see how a box with a 4 pixel #993633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993633; -webkit-box-shadow:4px 4px  
4px 4px #993633; box-shadow:4px 4px 4px  
4px #993633 }
```

# Background

The CSS property to change the background color of an element to Hex 993633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993633 }
```

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

```
.background{ background-color:#993633 }
```

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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