

Converting Colors

Hex(993D34)

Have a look what the booklet for
Hex(993D34) contains.

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Color

Hex(993D34)

Conversions

Conversions Part 1

Format	Color
Hex	993D34
RGB	153, 61, 52
RGB Percent	60%, 24%, 20%
CMY	0.4000, 0.7608, 0.7961
CMYK	0.00, 0.60, 0.66, 0.40
HSL	5°, 49%, 40%
HSV	5°, 66%, 60%
XYZ	15.4254, 10.3577, 4.4350
YIQ	87.4820, 57.7210, 16.7050

Conversions

Conversions Part 2

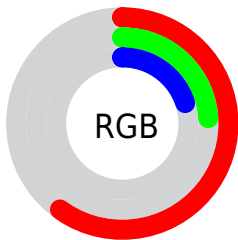
Format	Color
RYB	153, 62, 52
Decimal	10042676
CIELab	38.48, 37.92, 25.11
CIElCh	38, 45.479, 33.515
Yxy	10.3577, 0.5105, 0.3428
Android (android.graphics.Color)	4288232756 (0xFF993D34)
YUV	87.4820, -17.4926, 57.4593
Hunter-Lab	32.1834, 29.2337, 14.3579

Details

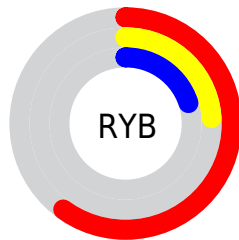
The Hex color **993D34** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **349099**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **D47063**, and **600508** is the 20% darker color. If you saturate the color by 10%, you get **992F25**, and if you desaturate by 10%, it is **994B43**.

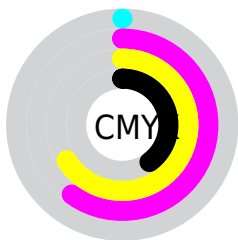
Distribution



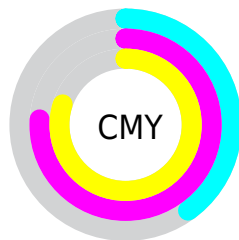
- Red (60%)
- Green (24%)
- Blue (20%)



- Red (60%)
- Yellow (24%)
- Blue (20%)



- Cyan (0%)
- Magenta (60%)
- Yellow (66%)
- Black (40%)



- Cyan (40%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 993D34 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 993D34 by changing the saturation by 10% instead.

 993D34

 993D34

FFFFFF

 7C241F

 D47063

 600508

 F28A7C

 440000

 FFA596

 2C0001

 FFC1B0

 000000

 FFDDCC

 FFFAE8

 993D34

 993D34

 992F25

 994B43

■ 992115

■ 995953

■ 991306

■ 996762

■ 990E00

■ 997571

■ 998381

■ 999190

■ 999F9F

■ 99ACAE

■ 99BABE

Harmonies

Analogous

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



9C3658



993D34



864C15

Triad

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



993D34



006938



005EA4

Complementary

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



993D34



349099

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.



00679C



993D34



006C5E

Square

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



993D34



436416



006B82



604F98

Rectangle

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



993D34



745605



006B82



0061A4

Sweetspot

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



993D34



C7A39F



993491



634E4C



E3E3E3



636363

Same Dimension

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



993D34



C7382A



996F34



4D4645



8C0C00



0D0100

Inverse Universe

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



349099



2AB9C7



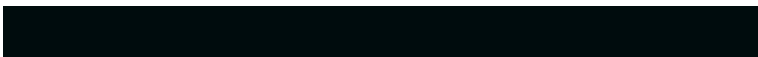
345E99



454C4D



00808C



000C0D

Previews

White Background



This preview shows how the Hex color 993D34 looks on a white background.

Color Contrast Check

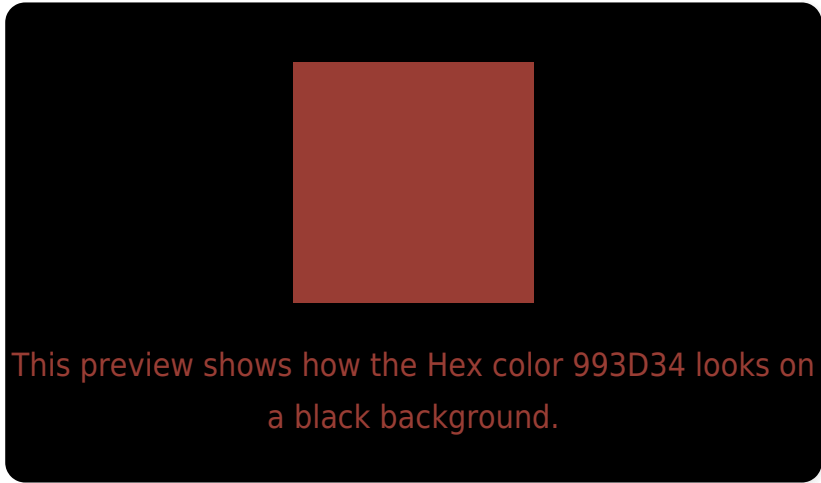
Large Text (above 18pt) WCAG AA ✓ Pass

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 993D34 Background



This preview shows how black text looks on a background with the Hex color 993D34.

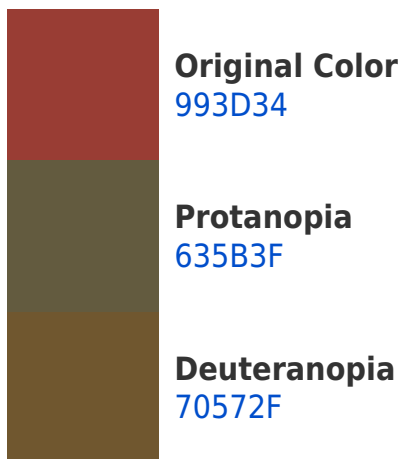


This preview shows how white text looks on a background with the Hex color 993D34.

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
9A3B3F

Trichromacy



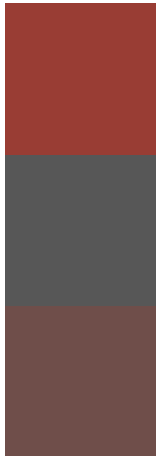
Original Color
993D34

Protanomaly
77503B

Deuteranomaly
7F4E31

Tritanomaly
9A3C3B

Monochromacy



Original Color
993D34

Achromatopsia
575757

Achromatomaly
6F4E4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 993D34 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 #993D34 looks like.

```
.text, #text, p{  
    color:#993D34  
}
```

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 #993D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993D34
}
```

Border

The CSS property to change the border of an element to Hex 993D34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

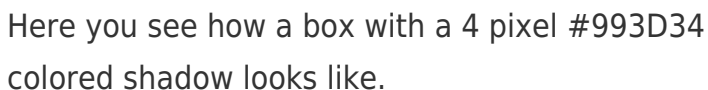
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#993D34 }
```

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

```
.border{ border-color:#993D34 }
```

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



Here you see how a box with a 4 pixel #993D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993D34; -webkit-box-shadow:4px 4px  
4px 4px #993D34; box-shadow:4px 4px 4px  
4px #993D34 }
```

Background

The CSS property to change the background color of an element to Hex 993D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993D34 }
```

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

```
.background{ background-color:#993D34 }
```

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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