

Converting Colors

Hex(993321)

Have a look what the booklet for
Hex(993321) contains.

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Color

Hex(993321)

Conversions

Conversions Part 1

Format	Color
Hex	993321
RGB	153, 51, 33
RGB Percent	60%, 20%, 13%
CMY	0.4000, 0.8000, 0.8706
CMYK	0.00, 0.67, 0.78, 0.40
HSL	9°, 65%, 36%
HSV	9°, 78%, 60%
XYZ	14.5952, 9.2498, 2.4550
YIQ	79.4460, 66.5700, 16.0260

Conversions

Conversions Part 2

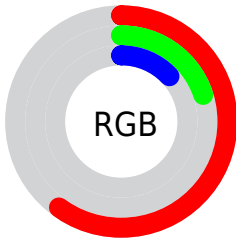
Format	Color
R_{YB}	153, 54, 33
Decimal	10040097
CIE _{Lab}	36.46, 41.62, 33.95
CIE _{LCh}	36, 53.713, 39.200
Yxy	9.2498, 0.5550, 0.3517
Android (android.graphics.Color)	4288230177 (0xFF993321)
YUV	79.4460, -22.8979, 64.5069
Hunter-Lab	30.4134, 32.4375, 16.5035

Details

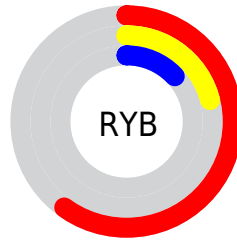
The Hex color **993321** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **218799**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **D5674F**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **992612**, and if you desaturate by 10%, it is **994030**.

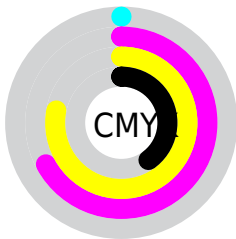
Distribution



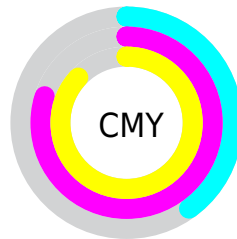
- Red (60%)
- Green (20%)
- Blue (13%)



- Red (60%)
- Yellow (21%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (78%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 993321 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 993321 by changing the saturation by 10% instead.



993321



993321

FFFFFF



7C170B



D5674F



5F0000



F48167



420000



FF9C80



280001



FFB89A



000000



FFD4B5



FFF1D1



FFFFEE



993321



993321

■ 992612

■ 994030

■ 991902

■ 994D40

■ 991700

■ 995A4F

■ 99675E

■ 99746D

■ 99817D

■ 998E8C

■ 999B9B

■ 99A8AB

Harmonies

Analogous

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



A1224A



993321



804800

Triad

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



993321



006735



0057AC

Complementary

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



993321



218799

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.



0063A7



993321



006962

Square

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



993321



2C6203



00688C



674399

Rectangle

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



993321



695400



00688C



005CAD

Sweetspot

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



993321



C79E97



992187



634B47



E3E3E3



636363

Same Dimension

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



993321



C7280C



996F21



4D4645



8C1500



0D0200

Inverse Universe

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



218799



0CABC7



214B99



454B4D



00778C



000B0D

Previews

White Background



This preview shows how the Hex color 993321 looks on a white background.

Color Contrast Check

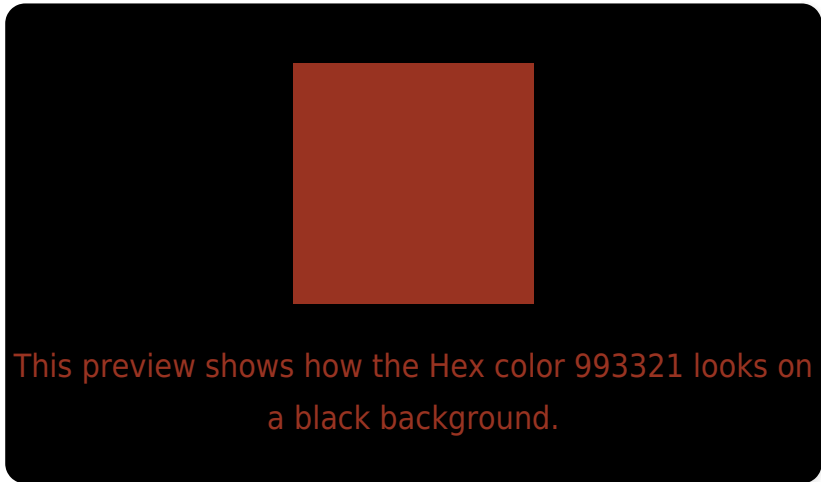
Large Text (above 18pt) WCAG AA ✓ Pass

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 993321 Background



This preview shows how black text looks on a background with the Hex color 993321.



This preview shows how white text looks on a background with the Hex color 993321.

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
993321

Protanopia
60572B

Deuteranopia
6D5219



Tritanopia
9A3133

Trichromacy



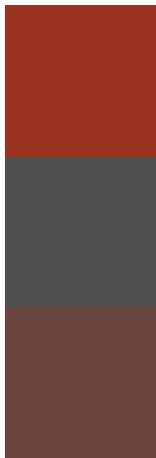
Original Color
993321

Protanomaly
754A27

Deuteranomaly
7D471C

Tritanomaly
9A322C

Monochromacy



Original Color
993321

Achromatopsia
4F4F4F

Achromatomaly
6A453E

CSS Examples

Text

The CSS property to change the color of the text to Hex 993321 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 #993321 looks like.

```
.text, #text, p{  
    color:#993321  
}
```

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 #993321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993321
}
```

Border

The CSS property to change the border of an element to Hex 993321 is called "border". The border property can be set on classes, ids or directly on the HTML element.

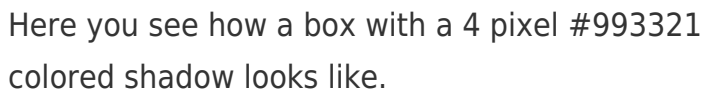
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#993321 }
```

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

```
.border{ border-color:#993321 }
```

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



Here you see how a box with a 4 pixel #993321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993321; -webkit-box-shadow:4px 4px  
4px 4px #993321; box-shadow:4px 4px 4px  
4px #993321 }
```

Background

The CSS property to change the background color of an element to Hex 993321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993321 }
```

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

```
.background{ background-color:#993321 }
```

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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