

Converting Colors

Hex(993232)

Have a look what the booklet for
Hex(993232) contains.

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Color

Hex(993232)

Conversions

Conversions Part 1

Format	Color
Hex	993232
RGB	153, 50, 50
RGB Percent	60%, 20%, 20%
CMY	0.4000, 0.8039, 0.8039
CMYK	0.00, 0.67, 0.67, 0.40
HSL	0°, 51%, 40%
HSV	0°, 67%, 60%
XYZ	14.8532, 9.2838, 4.0267
YIQ	80.7970, 61.3880, 21.8360

Conversions

Conversions Part 2

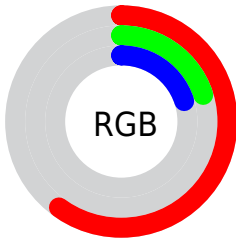
Format	Color
R_{YB}	153, 50, 50
Decimal	10039858
CIE _{Lab}	36.53, 42.92, 23.93
CIE _{LCh}	37, 49.135, 29.141
Yxy	9.2838, 0.5274, 0.3296
Android (android.graphics.Color)	4288229938 (0xFF993232)
YUV	80.7970, -15.1829, 63.3220
Hunter-Lab	30.4693, 33.6939, 13.4930

Details

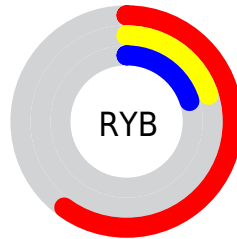
The Hex color **993232** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **329999**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **D46660**, and **600005** is the 20% darker color. If you saturate the color by 10%, you get **992323**, and if you desaturate by 10%, it is **994141**.

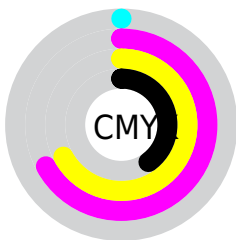
Distribution



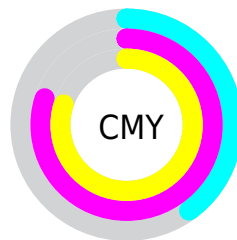
- Red (60%)
- Green (20%)
- Blue (20%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 993232 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 993232 by changing the saturation by 10% instead.

 993232

 993232

FFFFFF

 7C161D

 D46660

 600005

 F38179

 430000

 FF9C93

 290001

 FFB7AE

 000000

 FFD4C9

 FFF1E5

 993232

 993232

 992323

 994141

 991313

 995151

 990404

 996060

 990000

 996F6F

 997E7E

 998E8E

 999D9D

 99ACAC

 99BCBC

Harmonies

Analogous

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



9A2B59



993232



87440D

Triad

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



993232



00652B



005BA5

Complementary

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



993232



329999

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.



00649A



993232



006854

Square

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



993232



425F00



00687B



514C9B

Rectangle

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



993232



744F00



00687B



005FA4

Sweetspot

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



993232



C79F9F



993299



634C4C



E3E3E3



636363

Same Dimension

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



993232



C72626



996632



4D4545



8C0000



0D0000

Inverse Universe

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



329999



26C7C7



326699



454D4D



008C8C



000D0D

Previews

White Background



This preview shows how the Hex color 993232 looks on a white background.

Color Contrast Check

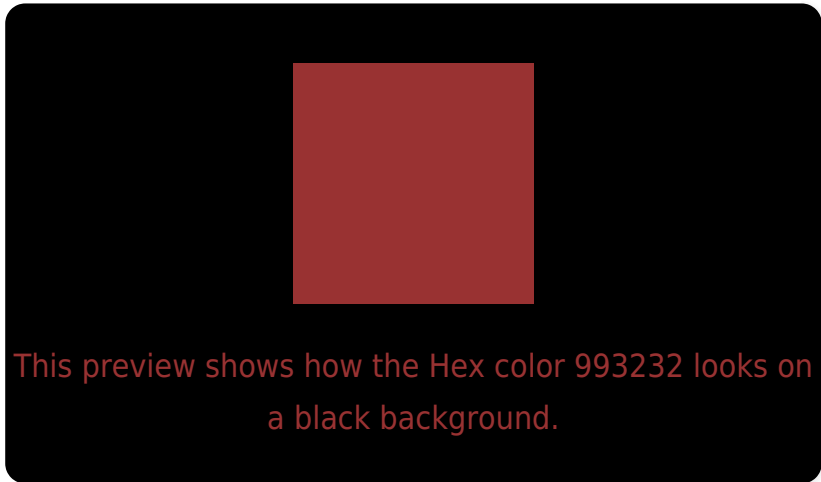
Large Text (above 18pt) WCAG AA ✓ Pass

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 993232 Background



This preview shows how black text looks on a background with the Hex color 993232.



This preview shows how white text looks on a background with the Hex color 993232.

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



Trichromacy



Original Color

993232

Protanomaly

734A3B

Deuteranomaly

7C472E

Tritanomaly

993233

Monochromacy



Original Color

993232

Achromatopsia

515151

Achromatomaly

6B4646

CSS Examples

Text

The CSS property to change the color of the text to Hex 993232 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 #993232 looks like.

```
.text, #text, p{  
    color:#993232  
}
```

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 #993232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993232
}
```

Border

The CSS property to change the border of an element to Hex 993232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

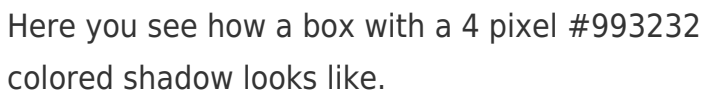
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#993232 }
```

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

```
.border{ border-color:#993232 }
```

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



Here you see how a box with a 4 pixel #993232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993232; -webkit-box-shadow:4px 4px  
4px 4px #993232; box-shadow:4px 4px 4px  
4px #993232 }
```

Background

The CSS property to change the background color of an element to Hex 993232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993232 }
```

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

```
.background{ background-color:#993232 }
```

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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