

# Converting Colors

Hex(983333)

Have a look what the booklet for  
Hex(983333) contains.

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# Color

Hex(983333)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	983333
RGB	152, 51, 51
RGB Percent	60%, 20%, 20%
CMY	0.4039, 0.8000, 0.8000
CMYK	0.00, 0.66, 0.66, 0.40
HSL	0°, 50%, 40%
HSV	0°, 66%, 60%
XYZ	14.7303, 9.2821, 4.1472
YIQ	81.1990, 60.1960, 21.4120

# Conversions

## Conversions Part 2

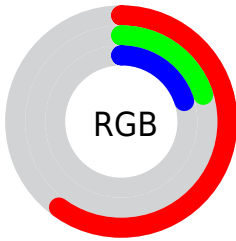
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 51, 51
Decimal	9974579
CIE Lab	36.52, 42.18, 23.26
CIE LCh	37, 48.174, 28.875
Yxy	9.2821, 0.5231, 0.3296
Android (android.graphics.Color)	4288164659 (0xFF983333)
YUV	81.1990, -14.8881, 62.0925
Hunter-Lab	30.4665, 32.9867, 13.2558

# Details

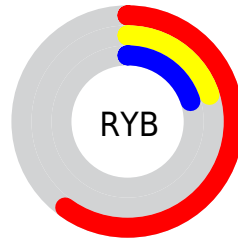
The Hex color **983333** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **339898**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **D36761**, and **5F0006** is the 20% darker color. If you saturate the color by 10%, you get **982424**, and if you desaturate by 10%, it is **984242**.

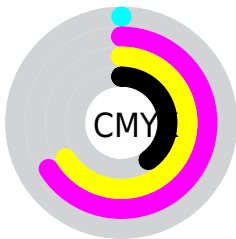
# Distribution



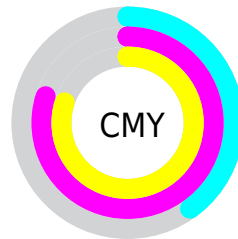
- Red (60%)
- Green (20%)
- Blue (20%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 983333 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 983333 by changing the saturation by 10% instead.



 983333

 983333

FFFFFF

 7B171E

 D36761

 5F0006

 F2817A

 430000

 FF9C94

 280001

 FFB8AF

 000000

 FFD4CA

 FFF1E6

 983333

 983333

 982424

 984242

 981515

 985151

 980505

 986161

 980000

 987070

 987F7F

 988E8E

 989D9D

 98ADAD

 98BCBC

# Harmonies

## Analogous

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



982D59



983333



864410

# Triad

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



983333



00652B



005BA4

# Complementary

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



983333



339898

# 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.



006498



983333



006753

# Square

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



983333



435E03



00677A



514C9A

# Rectangle

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



983333



744F00



00677A



005FA2



# Sweetspot

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



983333



C49D9D



983398



634C4C



E3E3E3



636363



# Same Dimension

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



983333



C42727



986633



4D4545



8C0000



0D0000



# Inverse Universe

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



339898



27C4C4



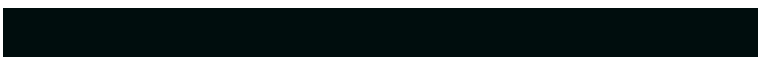
336698



454D4D



008C8C



000D0D



# Previews

## White Background



This preview shows how the Hex color 983333 looks on a white background.

## Color Contrast Check

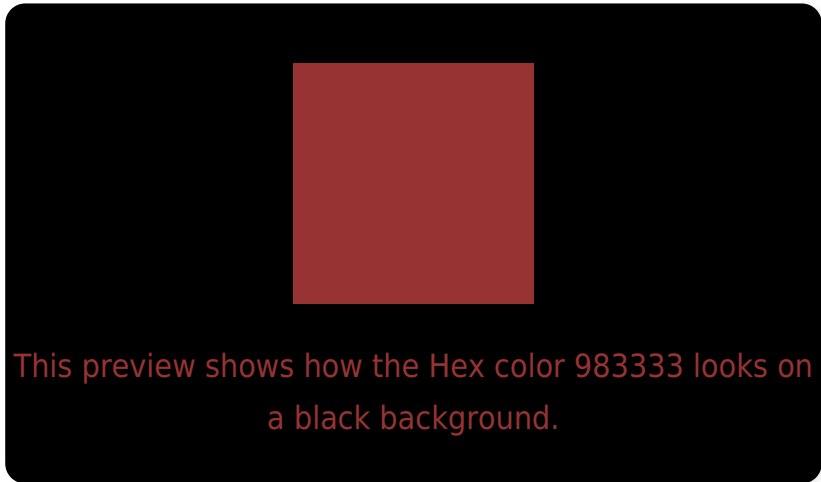
Large Text (above 18pt) WCAG AA ✓ Pass

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 983333 Background



This preview shows how black text looks on a background with the Hex color 983333.

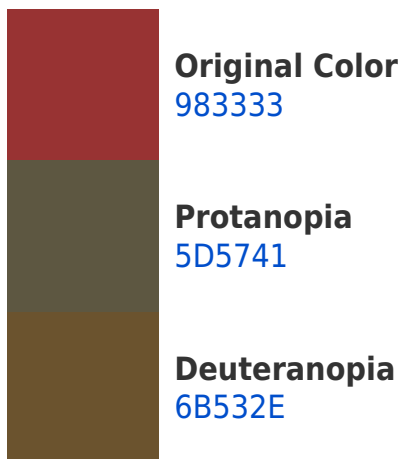


This preview shows how white text looks on a background with the Hex color 983333.

# 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**  
983335

# Trichromacy



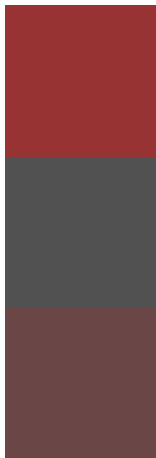
**Original Color**  
983333

**Protanomaly**  
724A3C

**Deuteranomaly**  
7B4730

**Tritanomaly**  
983334

# Monochromacy



**Original Color**  
983333

**Achromatopsia**  
515151

**Achromatomaly**  
6B4646

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 983333 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 #983333 looks like.

```
.text, #text, p{  
    color:#983333  
}
```

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 #983333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #983333 }  
}
```

## Border

The CSS property to change the border of an element to Hex 983333 is called "border". The border property can be set on classes, ids or directly on the HTML element.

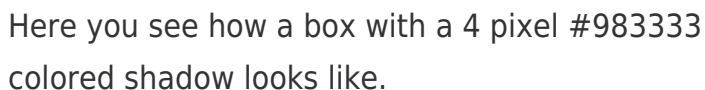
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #983333 }  
}
```

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

```
.border{ border-color:#983333 }
```

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



Here you see how a box with a 4 pixel #983333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #983333; -webkit-box-shadow:4px 4px  
4px 4px #983333; box-shadow:4px 4px 4px  
4px #983333 }
```

# Background

The CSS property to change the background color of an element to Hex 983333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#983333 }
```

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

```
.background{ background-color:#983333 }
```

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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