

Converting Colors

Hex(933033)

Have a look what the booklet for
Hex(933033) contains.

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Color

Hex(933033)

Conversions

Conversions Part 1

Format	Color
Hex	933033
RGB	147, 48, 51
RGB Percent	58%, 19%, 20%
CMY	0.4235, 0.8118, 0.8000
CMYK	0.00, 0.67, 0.65, 0.42
HSL	358°, 51%, 38%
HSV	358°, 67%, 58%
XYZ	13.6871, 8.5560, 4.0620
YIQ	77.9430, 58.0410, 21.9210

Conversions

Conversions Part 2

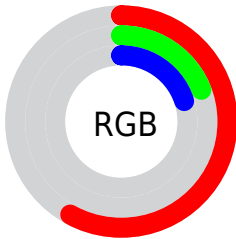
Format	Color
R_{YB}	147, 48, 51
Decimal	9646131
CIE _{Lab}	35.11, 41.75, 21.30
CIE _{LCh}	35, 46.873, 27.029
Yxy	8.5560, 0.5203, 0.3253
Android (android.graphics.Color)	4287836211 (0xFF933033)
YUV	77.9430, -13.2829, 60.5630
Hunter-Lab	29.2506, 32.3363, 12.2418

Details

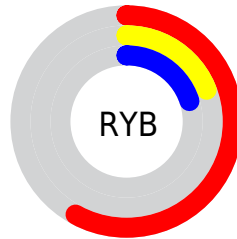
The Hex color **933033** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **309390**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **CE6461**, and **5A0006** is the 20% darker color. If you saturate the color by 10%, you get **932125**, and if you desaturate by 10%, it is **933F41**.

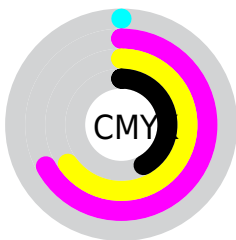
Distribution



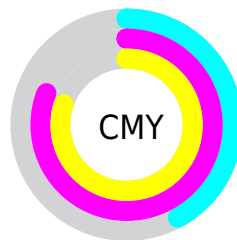
- Red (58%)
- Green (19%)
- Blue (20%)



- Red (58%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (67%)
- Yellow (65%)
- Black (42%)



- Cyan (42%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933033 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 933033 by changing the saturation by 10% instead.

 933033

 933033

FFFFFF

 76141E

 CE6461

 5A0006

 EC7E7A

 3F0000

 FF9994

 220001

 FFB5AF

 000000

 FFD1CA

 FFE6E6

 933033

 933033

 932125

 933F41

■ 931316

■ 934D50

■ 930408

■ 935C5E

■ 930004

■ 936B6C

■ 937A7A

■ 938889

■ 939797

■ 93A6A5

■ 93B4B3

Harmonies

Analogous

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



922B58



933033



834011

Triad

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



933033



006027



00589E

Complementary

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



933033



309390

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.



006091



933033



00634E

Square

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



933033



435A01



006374



494A96

Rectangle

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



933033



714B00



006374



005C9C

Sweetspot

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



933033



BF999A



903093



614A4A



E0E0E0



616161

Same Dimension

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



933033



BF2429



935E30



4A4343



8A0004



0A0000

Inverse Universe

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



933033



BF2429



306593



4A4343



8A0004



0A0000

Previews

White Background



This preview shows how the Hex color 933033 looks on a white background.

Color Contrast Check

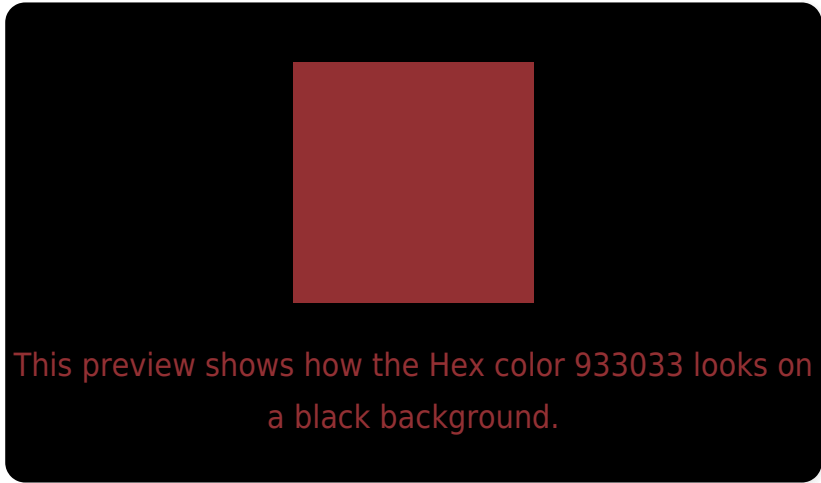
Large Text (above 18pt) WCAG AA ✓ Pass

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 933033 Background



This preview shows how black text looks on a background with the Hex color 933033.

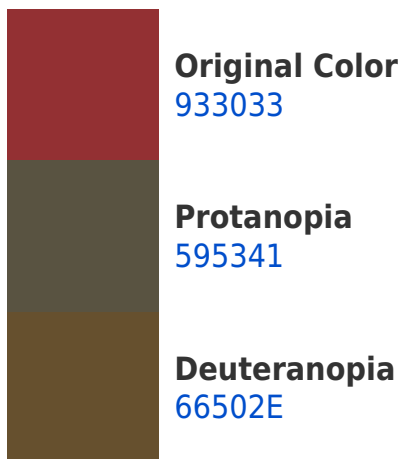



This preview shows how white text looks on a background with the Hex color 933033.

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
933033

Trichromacy



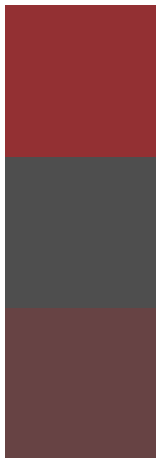
Original Color
933033

Protanomaly
6E463C

Deuteranomaly
764430

Tritanomaly
933033

Monochromacy



Original Color
933033

Achromatopsia
4E4E4E

Achromatomaly
674344

CSS Examples

Text

The CSS property to change the color of the text to Hex 933033 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 #933033 looks like.

```
.text, #text, p{  
    color:#933033  
}
```

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 #933033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933033
}
```

Border

The CSS property to change the border of an element to Hex 933033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

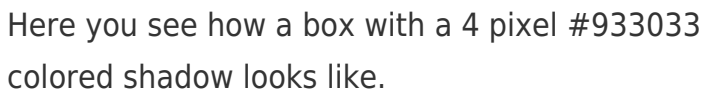
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933033 }
```

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

```
.border{ border-color:#933033 }
```

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



Here you see how a box with a 4 pixel #933033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933033; -webkit-box-shadow:4px 4px  
4px 4px #933033; box-shadow:4px 4px 4px  
4px #933033 }
```

Background

The CSS property to change the background color of an element to Hex 933033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933033 }
```

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

```
.background{ background-color:#933033 }
```

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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awesome pro features!

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