

Converting Colors

Hex(933846)

Have a look what the booklet for
Hex(933846) contains.

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Color

Hex(933846)

Conversions

Conversions Part 1

Format	Color
Hex	933846
RGB	147, 56, 70
RGB Percent	58%, 22%, 27%
CMY	0.4235, 0.7804, 0.7255
CMYK	0.00, 0.62, 0.52, 0.42
HSL	351°, 45%, 40%
HSV	351°, 62%, 58%
XYZ	14.5523, 9.4736, 6.8559
YIQ	84.8050, 49.7420, 23.6460

Conversions

Conversions Part 2

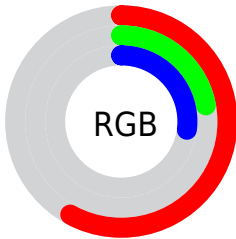
Format	Color
R_{YB}	147, 56, 70
Decimal	9648198
CIE _{Lab}	36.88, 39.55, 11.61
CIE _{LCh}	37, 41.220, 16.354
Yxy	9.4736, 0.4712, 0.3068
Android (android.graphics.Color)	4287838278 (0xFF933846)
YUV	84.8050, -7.2989, 54.5450
Hunter-Lab	30.7792, 30.5305, 8.3388

Details

The Hex color **933846** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **389385**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **CD6B76**, and **5B001B** is the 20% darker color. If you saturate the color by 10%, you get **93293A**, and if you desaturate by 10%, it is **934752**.

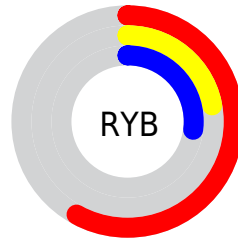
Distribution



Red (58%)

Green (22%)

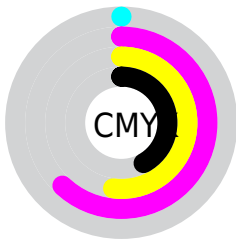
Blue (27%)



Red (58%)

Yellow (22%)

Blue (27%)

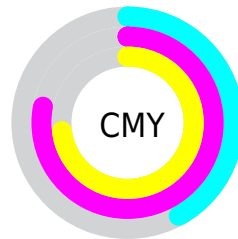


Cyan (0%)

Magenta (62%)

Yellow (52%)

Black (42%)



Cyan (42%)

Magenta (78%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933846 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 933846 by changing the saturation by 10% instead.

 933846

 933846

FFFFFF

 771E30

 CD6B76

 5B001B

 EA8690

 410000

 FFA1AA

 270001

 FFBC5

 000000

 FFD9E1

 FFF5FE

 933846

 933846

 93293A

 934752

931B2D

93555F

930C21

93646B

930017

937378

938284

939091

939F9D

93AEAA

93BCB6

Harmonies

Analogous

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



8B3A67



933846



8A4228

Triad

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



933846



306226



005F97

Complementary

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



933846



389385

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.



006586



933846



006646

Square

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



933846



575B0F



006768



395497

Rectangle

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



933846



7D4B17



006768



006193

Sweetspot

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



933846



BF9BA1



843893



614B4E



E0E0E0



616161

Same Dimension

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



933846



BF3247



935638



4A4344



8A0015



0A0002

Inverse Universe

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



933846



BF3247



387593



4A4344



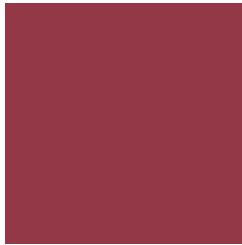
8A0015



0A0002

Previews

White Background



This preview shows how the Hex color 933846 looks on a white background.

Color Contrast Check

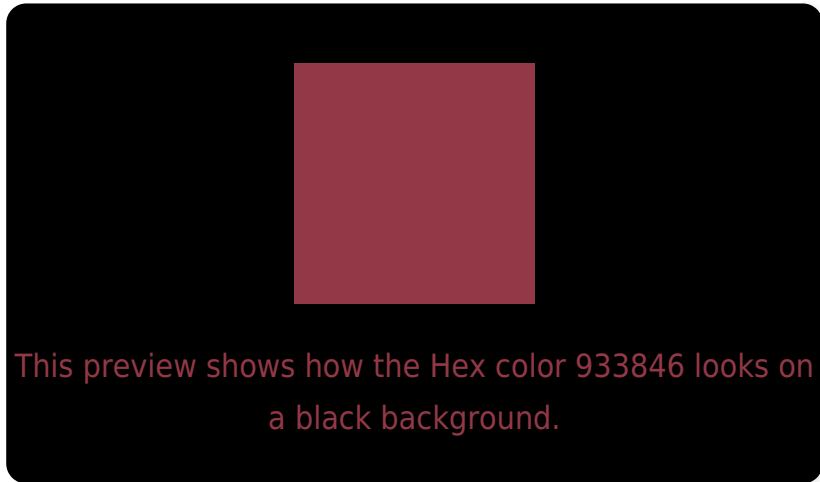
Large Text (above 18pt) WCAG AA ✓ Pass

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 933846 Background



This preview shows how black text looks on a background with the Hex color 933846.

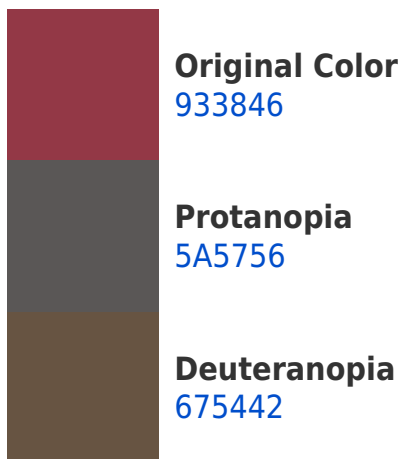


This preview shows how white text looks on a background with the Hex color 933846.

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
923A3D

Trichromacy



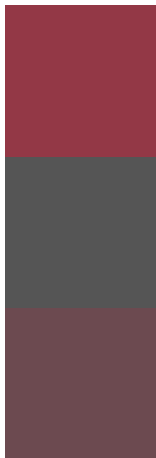
Original Color
933846

Protanomaly
6F4C50

Deuteranomaly
774A43

Tritanomaly
923940

Monochromacy



Original Color
933846

Achromatopsia
555555

Achromatomaly
6C4A50

CSS Examples

Text

The CSS property to change the color of the text to Hex 933846 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 #933846 looks like.

```
.text, #text, p{  
    color:#933846  
}
```

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 #933846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933846
}
```

Border

The CSS property to change the border of an element to Hex 933846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

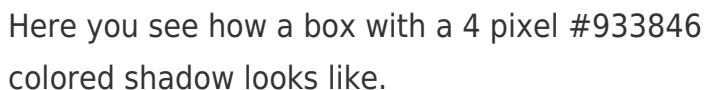
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933846 }
```

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

```
.border{ border-color:#933846 }
```

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



Here you see how a box with a 4 pixel #933846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933846; -webkit-box-shadow:4px 4px  
4px 4px #933846; box-shadow:4px 4px 4px  
4px #933846 }
```

Background

The CSS property to change the background color of an element to Hex 933846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933846 }
```

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

```
.background{ background-color:#933846 }
```

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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