

# Converting Colors

Hex(931828)

Have a look what the booklet for  
Hex(931828) contains.

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**Color**

**Hex(931828)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	931828
RGB	147, 24, 40
RGB Percent	58%, 9%, 16%
CMY	0.4235, 0.9059, 0.8431
CMYK	0.00, 0.84, 0.73, 0.42
HSL	352°, 72%, 34%
HSV	352°, 84%, 58%
XYZ	12.7423, 7.0095, 2.6889
YIQ	62.6010, 68.1720, 31.0520

# Conversions

## Conversions Part 2

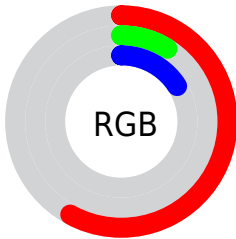
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 24, 40
Decimal	9639976
CIE <sub>Lab</sub>	31.83, 49.74, 24.22
CIE <sub>LCh</sub>	32, 55.327, 25.963
Yxy	7.0095, 0.5678, 0.3124
Android (android.graphics.Color)	4287830056 (0xFF931828)
YUV	62.6010, -11.1423, 74.0179
Hunter-Lab	26.4755, 39.5773, 12.5113

# Details

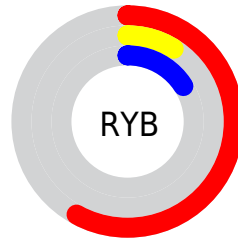
The Hex color **931828** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **189383**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **CF5255**, and **590000** is the 20% darker color. If you saturate the color by 10%, you get **93091B**, and if you desaturate by 10%, it is **932735**.

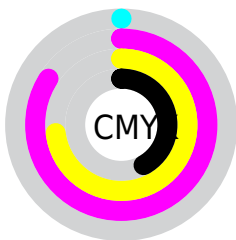
# Distribution



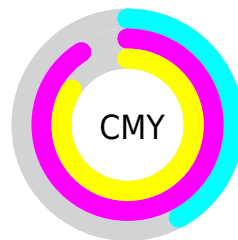
- Red (58%)
- Green (9%)
- Blue (16%)



- Red (58%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (84%)
- Yellow (73%)
- Black (42%)



- Cyan (42%)
- Magenta (91%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 931828 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 931828 by changing the saturation by 10% instead.



 931828

 931828

FFFFFF

 750014

 CF5255

 590000

 EE6D6D

 3D0001

 FF8887

 1C0001

 FFA4A1

 000000

 FFC0BC

 FFDD8

 FFFAF4

 931828

 931828

■ 93091B

■ 932735

■ 930013

■ 933542

■ 93444E

■ 93535B

■ 936168

■ 937075

■ 937F82

■ 938E8E

■ 939C9B

# Harmonies

## Analogous

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



920C53



931828



803300

# Triad

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



931828



005A14



0052A3

# Complementary

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



931828



189383

# 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.



005B93



931828



005D43

# Square

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



931828



375300



005D70



36429A

# Rectangle

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



931828



6D4100



005D70



0056A0



# Sweetspot

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



931828



BF8F96



831893



614448



E0E0E0



616161



# Same Dimension

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



931828



BF0019



934518



4A4344



8A0012



0A0001



# Inverse Universe

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



931828



BF0019



186693



4A4344



8A0012



0A0001



# Previews

## White Background



This preview shows how the Hex color 931828 looks on a white background.

## Color Contrast Check

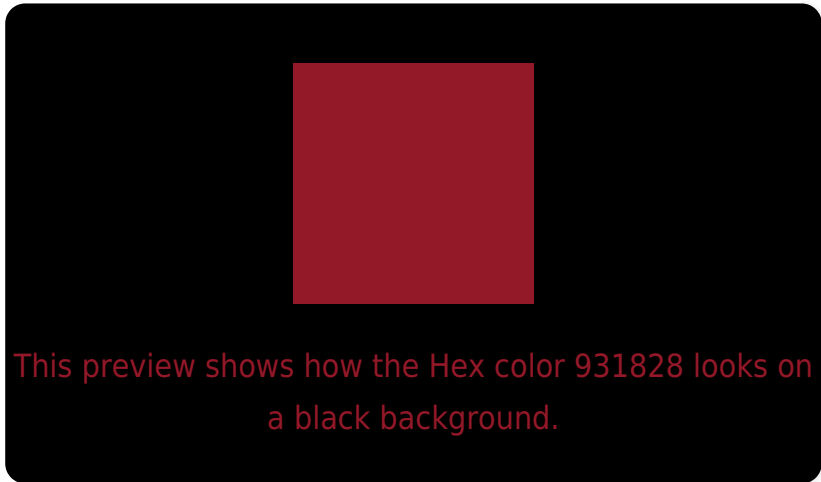
Large Text (above 18pt) WCAG AA ✓ Pass

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 931828 Background



This preview shows how black text looks on a background with the Hex color 931828.



This preview shows how white text looks on a background with the Hex color 931828.

# 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**  
931828

**Protanopia**  
524D39

**Deuteranopia**  
5F4921



**Tritanopia**  
931B1A

# Trichromacy



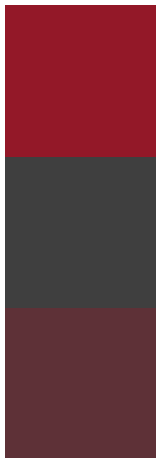
**Original Color**  
931828

**Protanomaly**  
6A3A33

**Deuteranomaly**  
723724

**Tritanomaly**  
931A1F

# Monochromacy



**Original Color**  
931828

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
5E3137

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 931828 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 #931828 looks like.

```
.text, #text, p{  
    color:#931828  
}
```

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 #931828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #931828
}
```

## Border

The CSS property to change the border of an element to Hex 931828 is called "border". The border property can be set on classes, ids or directly on the HTML element.

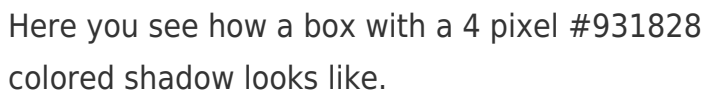
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#931828 }
```

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

```
.border{ border-color:#931828 }
```

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



Here you see how a box with a 4 pixel #931828 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #931828; -webkit-box-shadow:4px 4px  
4px 4px #931828; box-shadow:4px 4px 4px  
4px #931828 }
```

# Background

The CSS property to change the background color of an element to Hex 931828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#931828 }
```

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

```
.background{ background-color:#931828 }
```

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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