

Converting Colors

Hex(933F1C)

Have a look what the booklet for
Hex(933F1C) contains.

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Color

Hex(933F1C)

Conversions

Conversions Part 1

Format	Color
Hex	933F1C
RGB	147, 63, 28
RGB Percent	58%, 25%, 11%
CMY	0.4235, 0.7529, 0.8902
CMYK	0.00, 0.57, 0.81, 0.42
HSL	18°, 68%, 34%
HSV	18°, 81%, 58%
XYZ	14.0197, 9.8419, 2.2594
YIQ	84.1260, 61.2990, 6.9230

Conversions

Conversions Part 2

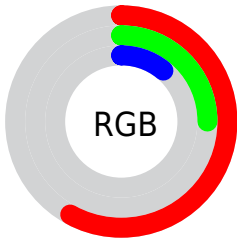
Format	Color
RYB	147, 78, 28
Decimal	9649948
CIELab	37.56, 33.33, 37.38
CIELCh	38, 50.084, 48.277
Yxy	9.8419, 0.5367, 0.3768
Android (android.graphics.Color)	4287840028 (0xFF933F1C)
YUV	84.1260, -27.6701, 55.1405
Hunter-Lab	31.3718, 24.8691, 17.6903

Details

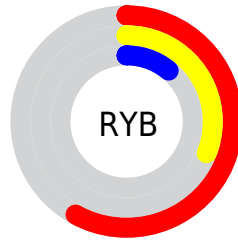
The Hex color **933F1C** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1C7093**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **CE714A**, and **5A0D00** is the 20% darker color. If you saturate the color by 10%, you get **93350D**, and if you desaturate by 10%, it is **93492B**.

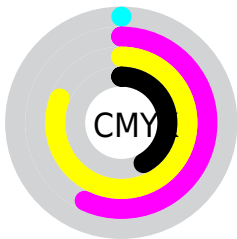
Distribution



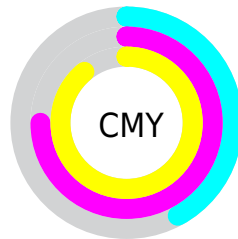
- Red (58%)
- Green (25%)
- Blue (11%)



- Red (58%)
- Yellow (31%)
- Blue (11%)



- Cyan (0%)
- Magenta (57%)
- Yellow (81%)
- Black (42%)



- Cyan (42%)
- Magenta (75%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933F1C 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 933F1C by changing the saturation by 10% instead.

 933F1C

 933F1C

FFFFFF

 762704

 CE714A

 5A0D00

 ED8B63

 3E0000

 FFA67C

 240001

 FFC296

 000000

 FFDEB1

 FFFBCD

 FFFFEE9

 933F1C

 933F1C

■ 93350D

■ 93492B

■ 932B00

■ 935439

■ 935E48

■ 936957

■ 937366

■ 937D74

■ 938883

■ 939292

■ 939CA0

Harmonies

Analogous

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



A02F42



933F1C



785100

Triad

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



933F1C



006A47



3254A6

Complementary

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



933F1C



1C7093

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.



0062A8



933F1C



006B71

Square

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



933F1C



1E661D



006994



79418F

Rectangle

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



933F1C



615A00



006994



005AA9

Sweetspot

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



933F1C



BF9F91



931C71



614D45



E0E0E0



616161

Same Dimension

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



933F1C



BF3C06



93791C



4A4543



8A2900



0A0300

Inverse Universe

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



1C7093



0689BF



1C3693



43484A



00618A



00070A

Previews

White Background



This preview shows how the Hex color 933F1C looks on a white background.

Color Contrast Check

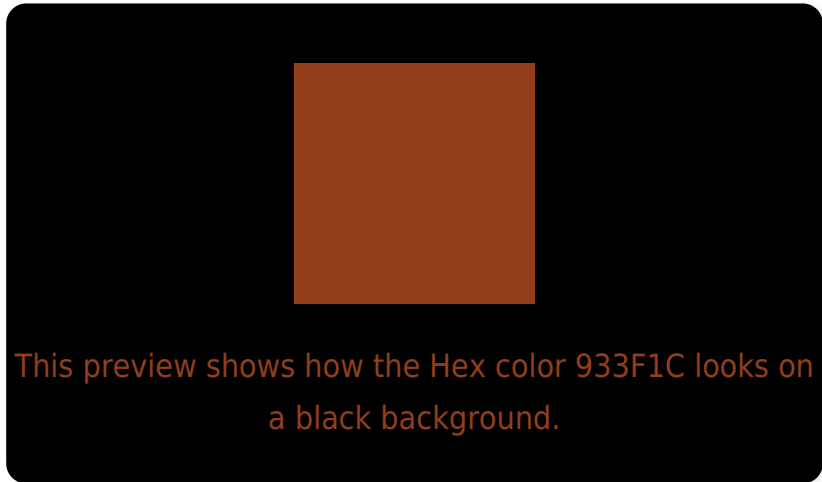
Large Text (above 18pt) WCAG AA ✓ Pass

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 933F1C Background



This preview shows how black text looks on a background with the Hex color 933F1C.



This preview shows how white text looks on a background with the Hex color 933F1C.

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
933F1C

Protanopia
635923

Deuteranopia
705514



Tritanopia
943B3F

Trichromacy



Original Color
933F1C

Protanomaly
745020

Deuteranomaly
7D4D17

Tritanomaly
943C32

Monochromacy



Original Color
933F1C

Achromatopsia
545454

Achromatomaly
6B4C40

CSS Examples

Text

The CSS property to change the color of the text to Hex 933F1C 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 #933F1C looks like.

```
.text, #text, p{  
    color:#933F1C  
}
```

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 #933F1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933F1C
}
```

Border

The CSS property to change the border of an element to Hex 933F1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

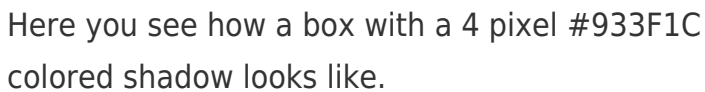
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933F1C }
```

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

```
.border{ border-color:#933F1C }
```

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



Here you see how a box with a 4 pixel #933F1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933F1C; -webkit-box-shadow:4px 4px  
4px 4px #933F1C; box-shadow:4px 4px 4px  
4px #933F1C }
```

Background

The CSS property to change the background color of an element to Hex 933F1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933F1C }
```

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

```
.background{ background-color:#933F1C }
```

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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