

Converting Colors

Hex(933C1D)

Have a look what the booklet for
Hex(933C1D) contains.

Hex(933C1D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(933C1D)

Conversions

Conversions Part 1

Format	Color
Hex	933C1D
RGB	147, 60, 29
RGB Percent	58%, 24%, 11%
CMY	0.4235, 0.7647, 0.8863
CMYK	0.00, 0.59, 0.80, 0.42
HSL	16°, 67%, 35%
HSV	16°, 80%, 58%
XYZ	13.8703, 9.5235, 2.2696
YIQ	82.4790, 61.8030, 8.8030

Conversions

Conversions Part 2

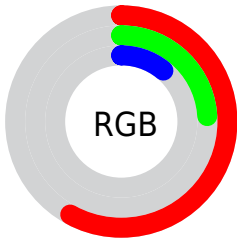
Format	Color
R_{YB}	147, 71, 29
Decimal	9649181
CIE _{Lab}	36.97, 34.91, 36.29
CIE _{LCh}	37, 50.355, 46.114
Yxy	9.5235, 0.5405, 0.3711
Android (android.graphics.Color)	4287839261 (0xFF933C1D)
YUV	82.4790, -26.3651, 56.5849
Hunter-Lab	30.8601, 26.2226, 17.2417

Details

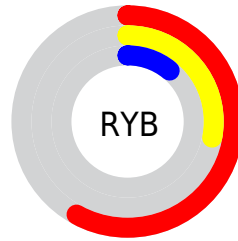
The Hex color **933C1D** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1D7493**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **CE6E4B**, and **5A0700** is the 20% darker color. If you saturate the color by 10%, you get **93310E**, and if you desaturate by 10%, it is **93472C**.

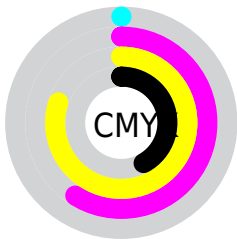
Distribution



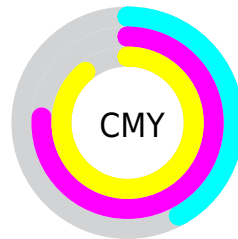
- Red (58%)
- Green (24%)
- Blue (11%)



- Red (58%)
- Yellow (28%)
- Blue (11%)



- Cyan (0%)
- Magenta (59%)
- Yellow (80%)
- Black (42%)



- Cyan (42%)
- Magenta (76%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933C1D 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 933C1D by changing the saturation by 10% instead.

 933C1D

 933C1D

FFFFFF

 762306

 CE6E4B

 5A0700

 ED8863

 3D0000

 FFA37D

 240001

 FFBF97

 000000

 FFDBB2

 FFF8CE

 FFFFEA

 933C1D

 933C1D

■ 93310E

■ 93472C

■ 932700

■ 93523A

■ 935D49

■ 936758

■ 937266

■ 937D75

■ 938884

■ 939393

■ 939EA1

Harmonies

Analogous

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



9E2C43



933C1D



794E00

Triad

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



933C1D



006842



2654A6

Complementary

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



933C1D



1D7493

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.



0061A6



933C1D



00696C

Square

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



933C1D



226418



006891



744190

Rectangle

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



933C1D



625800



006891



0059A8

Sweetspot

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



933C1D



BF9D91



931D76



614C45



E0E0E0



616161

Same Dimension

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



933C1D



BF3808



93761D



4A4443



8A2400



0A0300

Inverse Universe

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



1D7493



088FBF



1D3B93



43484A



00668A



00080A

Previews

White Background



This preview shows how the Hex color 933C1D looks on a white background.

Color Contrast Check

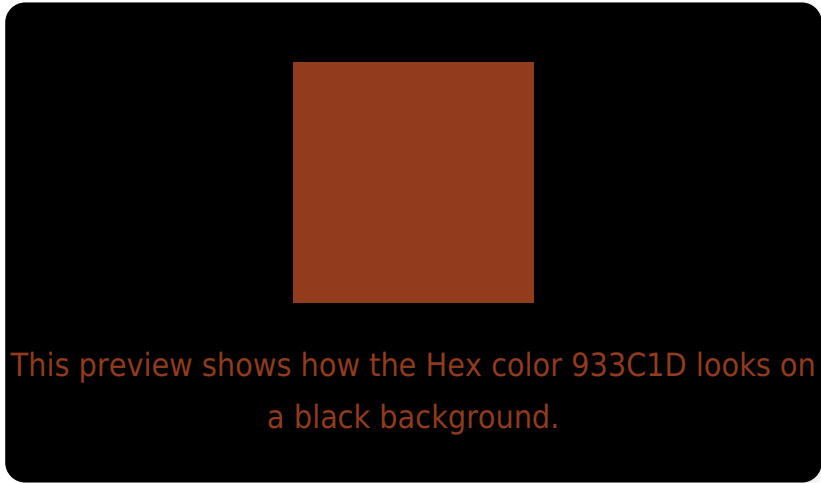
Large Text (above 18pt) WCAG AA ✓ Pass

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

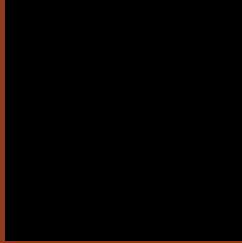
Any Text WCAG AA × Fail

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 933C1D Background



This preview shows how black text looks on a background with the Hex color 933C1D.



This preview shows how white text looks on a background with the Hex color 933C1D.

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
933C1D

Protanopia
625825

Deuteranopia
6F5315

Trichromacy



Original Color
933C1D

Protanomaly
744E22

Deuteranomaly
7C4B18

Tritanomaly
943A31

Monochromacy



Original Color
933C1D

Achromatopsia
525252

Achromatomaly
6A4A3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 933C1D 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 #933C1D looks like.

```
.text, #text, p{  
    color:#933C1D  
}
```

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 #933C1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933C1D
}
```

Border

The CSS property to change the border of an element to Hex 933C1D 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
#933C1D }
```

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

```
.border{ border-color:#933C1D }
```

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

Here you see how a box with a 4 pixel #933C1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933C1D; -webkit-box-shadow:4px 4px  
4px 4px #933C1D; box-shadow:4px 4px 4px  
4px #933C1D }
```

Background

The CSS property to change the background color of an element to Hex 933C1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933C1D }
```

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

```
.background{ background-color:#933C1D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor