

Converting Colors

Hex(9B341C)

Have a look what the booklet for
Hex(9B341C) contains.

Hex(9B341C)	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(9B341C)

Conversions

Conversions Part 1

Format	Color
Hex	9B341C
RGB	155, 52, 28
RGB Percent	61%, 20%, 11%
CMY	0.3922, 0.7961, 0.8902
CMYK	0.00, 0.66, 0.82, 0.39
HSL	11°, 69%, 36%
HSV	11°, 82%, 61%
XYZ	14.9552, 9.5084, 2.1457
YIQ	80.0610, 69.0920, 14.3720

Conversions

Conversions Part 2

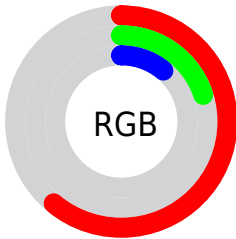
Format	Color
R_{YB}	155, 58, 28
Decimal	10171420
CIE _{Lab}	36.95, 41.72, 37.26
CIE _{LCh}	37, 55.938, 41.771
Yxy	9.5084, 0.5620, 0.3573
Android (android.graphics.Color)	4288361500 (0xFF9B341C)
YUV	80.0610, -25.6661, 65.7215
Hunter-Lab	30.8357, 32.6093, 17.4593

Details

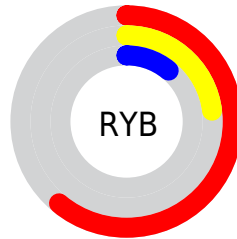
The Hex color **9B341C** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1C839B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **D8684A**, and **600000** is the 20% darker color. If you saturate the color by 10%, you get **9B270C**, and if you desaturate by 10%, it is **9B412B**.

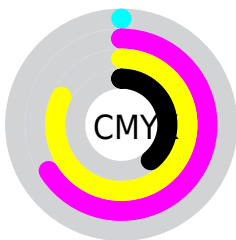
Distribution



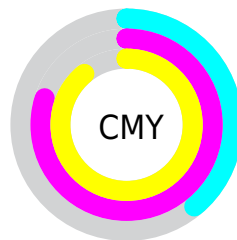
- Red (61%)
- Green (20%)
- Blue (11%)



- Red (61%)
- Yellow (23%)
- Blue (11%)



- Cyan (0%)
- Magenta (66%)
- Yellow (82%)
- Black (39%)



- Cyan (39%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B341C 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 9B341C by changing the saturation by 10% instead.

 9B341C

 9B341C

FFFFFF

 7D1905

 D8684A

 600000

 F68262

 430000

 FF9D7B

 290001

 FFB995

 000000

 FFD5B0

 FFF2CC

 FFFFE8

 9B341C

 9B341C

 9B270C

 9B412B

 9B1D00

 9B4D3B

 9B5A4A

 9B665A

 9B736A

 9B7F79

 9B8C89

 9B9998

 9BA5A7

Harmonies

Analogous

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



A52047



9B341C



804A00

Triad

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



9B341C



006939



0057B0

Complementary

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



9B341C



1C839B

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.



0064AD



9B341C



006B68

Square

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



9B341C



236404



006992



6E429B

Rectangle

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



9B341C



685600



006992



005CB2

Sweetspot

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



9B341C



C9A197



9B1C84



664D47



E6E6E6



666666

Same Dimension

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



9B341C



C92904



9B731C



4D4645



8C1B00



0D0200

Inverse Universe

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



1C839B



04A4C9



1C449B



454B4D



00728C



000A0D

Previews

White Background



This preview shows how the Hex color 9B341C looks on a white background.

Color Contrast Check

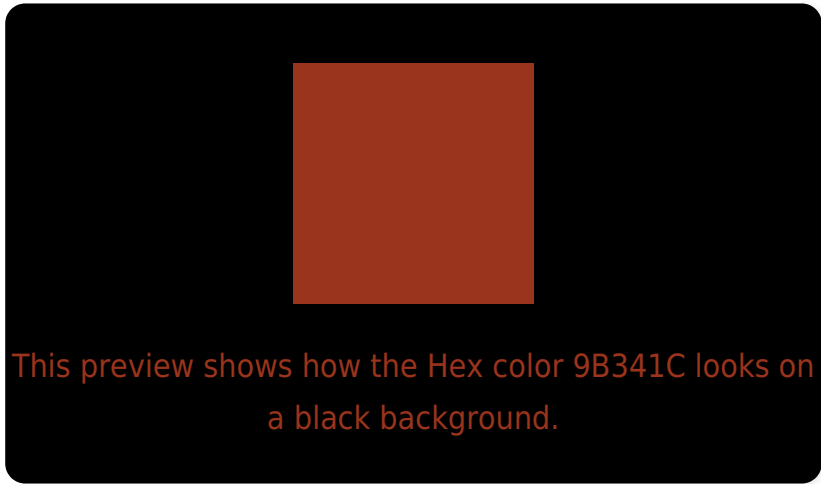
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B341C Background



This preview shows how black text looks on a background with the Hex color 9B341C.



This preview shows how white text looks on a background with the Hex color 9B341C.

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
9B341C

Protanopia
625826

Deuteranopia
6F5311



Tritanopia
9C3134

Trichromacy



Original Color
9B341C

Protanomaly
774B22

Deuteranomaly
7F4815

Tritanomaly
9C322B

Monochromacy



Original Color
9B341C

Achromatopsia
505050

Achromatomaly
6B463D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B341C 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 #9B341C looks like.

```
.text, #text, p{  
    color:#9B341C  
}
```

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 #9B341C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B341C
}
```

Border

The CSS property to change the border of an element to Hex 9B341C is called "border". The border property can be set on classes, ids or directly on the HTML element.

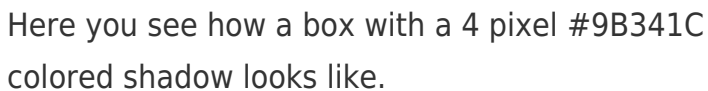
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B341C }
```

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

```
.border{ border-color:#9B341C }
```

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



Here you see how a box with a 4 pixel #9B341C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B341C; -webkit-box-shadow:4px 4px  
4px 4px #9B341C; box-shadow:4px 4px 4px  
4px #9B341C }
```

Background

The CSS property to change the background color of an element to Hex 9B341C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B341C }
```

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

```
.background{ background-color:#9B341C }
```

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