

Converting Colors

Hex(9B2A2C)

Have a look what the booklet for
Hex(9B2A2C) contains.

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Color

Hex(9B2A2C)

Conversions

Conversions Part 1

Format	Color
Hex	9B2A2C
RGB	155, 42, 44
RGB Percent	61%, 16%, 17%
CMY	0.3922, 0.8353, 0.8275
CMYK	0.00, 0.73, 0.72, 0.39
HSL	359°, 57%, 39%
HSV	359°, 73%, 61%
XYZ	14.8002, 8.8063, 3.3026
YIQ	76.0150, 66.7060, 24.5780

Conversions

Conversions Part 2

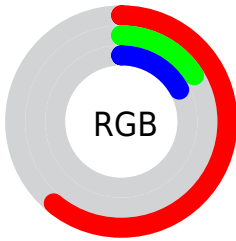
Format	Color
RYB	155, 42, 44
Decimal	10168876
CIELab	35.61, 46.54, 26.61
CIELCh	36, 53.613, 29.755
Yxy	8.8063, 0.5500, 0.3273
Android (android.graphics.Color)	4288358956 (0xFF9B2A2C)
YUV	76.0150, -15.7834, 69.2698
Hunter-Lab	29.6755, 37.0918, 14.1744

Details

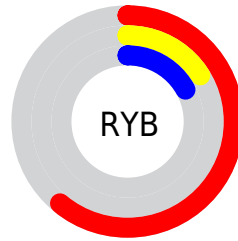
The Hex color **9B2A2C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2A9B99**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **D7605A**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9B1A1D**, and if you desaturate by 10%, it is **9B393B**.

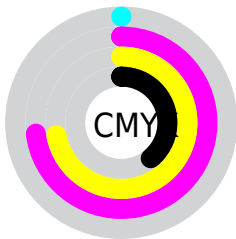
Distribution



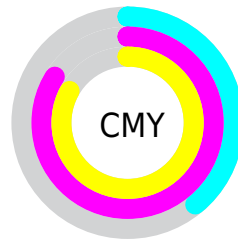
- Red (61%)
- Green (16%)
- Blue (17%)



- Red (61%)
- Yellow (16%)
- Blue (17%)



- Cyan (0%)
- Magenta (73%)
- Yellow (72%)
- Black (39%)



- Cyan (39%)
- Magenta (84%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B2A2C 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 9B2A2C by changing the saturation by 10% instead.

 9B2A2C

 9B2A2C

FFFFFF

 7D0717

 D7605A

 610000

 F67A72

 440000

 FF968C

 290001

 FFB1A6

 000000

 FFCEC2

 FFEADD

 FFFFFA

 9B2A2C

 9B2A2C

 9B1A1D

 9B393B

 9B0B0E

 9B494A

 9B0003

 9B585A

 9B6869

 9B7878

 9B8787

 9B9697

 9BA6A6

 9BB5B5

Harmonies

Analogous

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



9D2056



9B2A2C



874000

Triad

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



9B2A2C



006425



0059AA

Complementary

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



9B2A2C



2A9B99

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.



00639E



9B2A2C



006652

Square

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



9B2A2C



3C5D00



00667D



4E489F

Rectangle

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



9B2A2C



724D00



00667D



005DA9

Sweetspot

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



9B2A2C



C99D9E



972A9B



664B4C



E6E6E6



666666

Same Dimension

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



9B2A2C



C91A1D



9B5F2A



4D4545



8C0002



0D0000

Inverse Universe

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



9B2A2C



C91A1D



2A669B



4D4545



8C0002



0D0000

Previews

White Background



This preview shows how the Hex color 9B2A2C looks on a white background.

Color Contrast Check

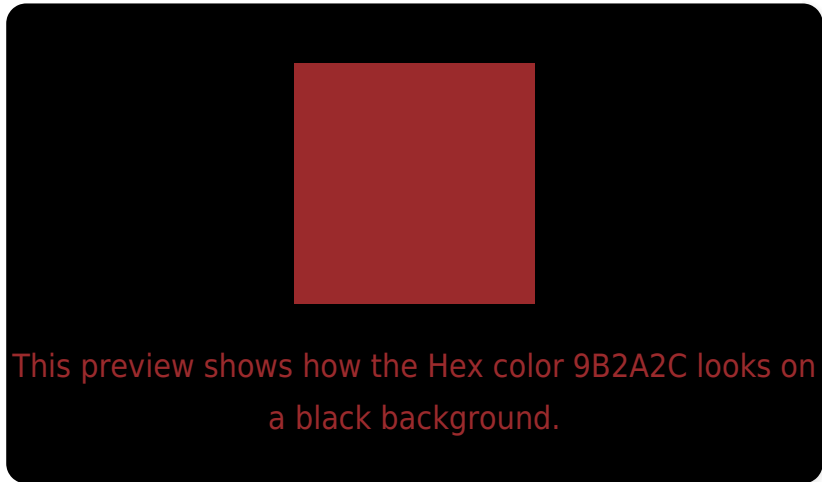
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B2A2C Background



This preview shows how black text looks on a background with the Hex color 9B2A2C.

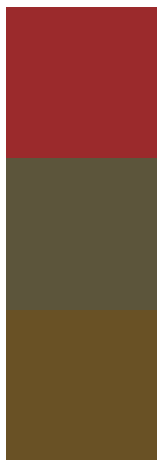


This preview shows how white text looks on a background with the Hex color 9B2A2C.

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
9B2A2C

Protanopia
5C553B

Deuteranopia
695125



Tritanopia
9B2A2C

Trichromacy



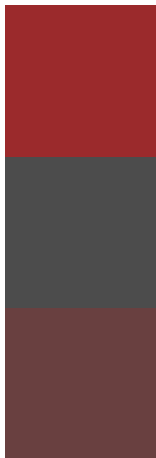
Original Color
9B2A2C

Protanomaly
734536

Deuteranomaly
7B4328

Tritanomaly
9B2A2C

Monochromacy



Original Color
9B2A2C

Achromatopsia
4C4C4C

Achromatomaly
694040

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B2A2C 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 #9B2A2C looks like.

```
.text, #text, p{  
    color:#9B2A2C  
}
```

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 #9B2A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B2A2C
}
```

Border

The CSS property to change the border of an element to Hex 9B2A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

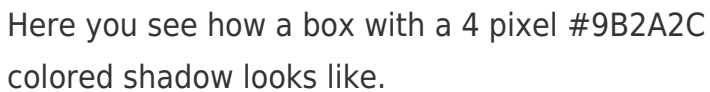
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B2A2C }
```

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

```
.border{ border-color:#9B2A2C }
```

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



Here you see how a box with a 4 pixel #9B2A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B2A2C; -webkit-box-shadow:4px 4px  
4px 4px #9B2A2C; box-shadow:4px 4px 4px  
4px #9B2A2C }
```

Background

The CSS property to change the background color of an element to Hex 9B2A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B2A2C }
```

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

```
.background{ background-color:#9B2A2C }
```

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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