

# Converting Colors

Hex(9B4C2F)

Have a look what the booklet for  
Hex(9B4C2F) contains.

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# Color

Hex(9B4C2F)

# Conversions

## Conversions Part 1

Format	Color
Hex	9B4C2F
RGB	155, 76, 47
RGB Percent	61%, 30%, 18%
CMY	0.3922, 0.7020, 0.8157
CMYK	0.00, 0.51, 0.70, 0.39
HSL	16°, 53%, 40%
HSV	16°, 70%, 61%
XYZ	16.6151, 12.3427, 4.1960
YIQ	96.3150, 56.3930, 7.7290

# Conversions

## Conversions Part 2

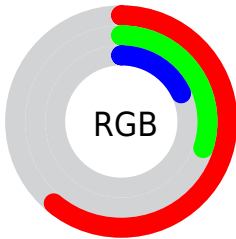
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 87, 47
Decimal	10177583
CIELab	41.76, 30.62, 32.02
CIELCh	42, 44.310, 46.280
Yxy	12.3427, 0.5012, 0.3723
Android (android.graphics.Color)	4288367663 (0xFF9B4C2F)
YUV	96.3150, -24.3123, 51.4667
Hunter-Lab	35.1322, 22.9370, 17.5112

# Details

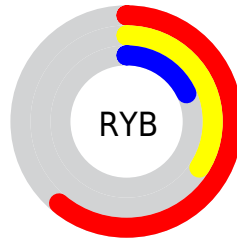
The Hex color **9B4C2F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2F7E9B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **D67E5E**, and **621C00** is the 20% darker color. If you saturate the color by 10%, you get **9B4120**, and if you desaturate by 10%, it is **9B573F**.

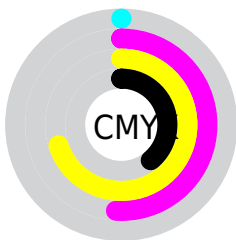
# Distribution



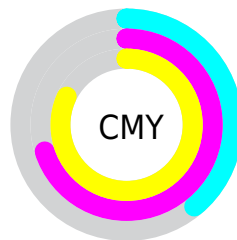
- Red (61%)
- Green (30%)
- Blue (18%)



- Red (61%)
- Yellow (34%)
- Blue (18%)



- Cyan (0%)
- Magenta (51%)
- Yellow (70%)
- Black (39%)



- Cyan (39%)
- Magenta (70%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B4C2F 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 9B4C2F by changing the saturation by 10% instead.



 9B4C2F

 9B4C2F

FFFFFF

 7E3419

 D67E5E

 621C00

 F49977

 470200

 FFB491

 2E0000

 FFD0AC

 000000

 FFECC7

 FFFF E3

 9B4C2F

 9B4C2F

 9B4120

 9B573F

 9B3510

 9B634E

 9B2A01

 9B6E5E

 9B2A00

 9B796D

 9B857C

 9B908C

 9B9B9B

 9BA7AB

 9BB2BB

# Harmonies

## Analogous

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



A54150



9B4C2F



835B16

# Triad

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



9B4C2F



007350



4360A9

# Complementary

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



9B4C2F



2F7E9B

# 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.



006BA9



9B4C2F



007476

# Square

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



9B4C2F



386F2D



007296



7E5095

# Rectangle

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



9B4C2F



6E6311



007296



1D64AB



# Sweetspot

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



9B4C2F



C9AB9F



9B2F7E



66534D



E6E6E6



666666



# Same Dimension

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



9B4C2F



C94E20



9B822F



4D4745



8C2600



0D0300



# Inverse Universe

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



2F7E9B



209CC9



2F489B



454A4D



00678C



00090D



# Previews

## White Background



This preview shows how the Hex color 9B4C2F looks on a white background.

## Color Contrast Check

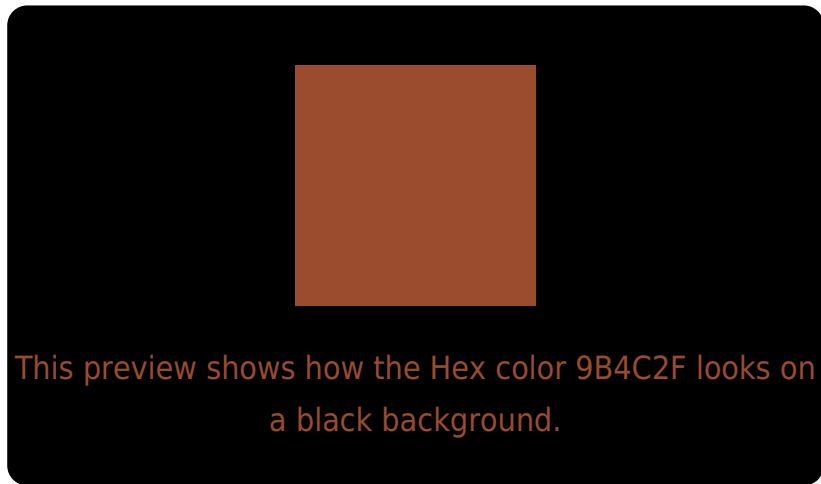
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 9B4C2F Background



This preview shows how black text looks on a background with the Hex color 9B4C2F.



This preview shows how white text looks on a background with the Hex color 9B4C2F.

# 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**  
9B4C2F

**Protanopia**  
6D6337

**Deuteranopia**  
7B5E2B



**Tritanopia**  
9D484D

# Trichromacy



**Original Color**  
9B4C2F

**Protanomaly**  
7E5B34

**Deuteranomaly**  
87572C

**Tritanomaly**  
9C4942

# Monochromacy



**Original Color**  
9B4C2F

**Achromatopsia**  
606060

**Achromatomaly**  
75594E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B4C2F 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 #9B4C2F looks like.

```
.text, #text, p{  
    color:#9B4C2F  
}
```

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 #9B4C2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4C2F
}
```

## Border

The CSS property to change the border of an element to Hex 9B4C2F 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
#9B4C2F }
```

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

```
.border{ border-color:#9B4C2F }
```

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

Here you see how a box with a 4 pixel #9B4C2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4C2F; -webkit-box-shadow:4px 4px  
4px 4px #9B4C2F; box-shadow:4px 4px 4px  
4px #9B4C2F }
```

# Background

The CSS property to change the background color of an element to Hex 9B4C2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4C2F }
```

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

```
.background{ background-color:#9B4C2F }
```

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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