

Converting Colors

Hex(9B4A2D)

Have a look what the booklet for
Hex(9B4A2D) contains.

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Color

Hex(9B4A2D)

Conversions

Conversions Part 1

Format	Color
Hex	9B4A2D
RGB	155, 74, 45
RGB Percent	61%, 29%, 18%
CMY	0.3922, 0.7098, 0.8235
CMYK	0.00, 0.52, 0.71, 0.39
HSL	16°, 55%, 39%
HSV	16°, 71%, 61%
XYZ	16.4400, 12.0556, 3.9431
YIQ	94.9130, 57.5850, 8.1530

Conversions

Conversions Part 2

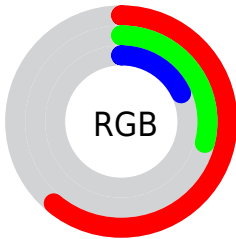
Format	Color
R_{YB}	155, 84, 45
Decimal	10177069
CIE _{Lab}	41.30, 31.58, 32.63
CIE _{LCh}	41, 45.413, 45.935
Yxy	12.0556, 0.5068, 0.3716
Android (android.graphics.Color)	4288367149 (0xFF9B4A2D)
YUV	94.9130, -24.6071, 52.6963
Hunter-Lab	34.7212, 23.7554, 17.5715

Details

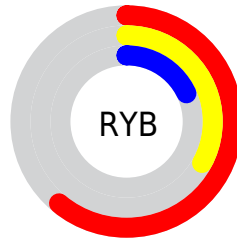
The Hex color **9B4A2D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2D7E9B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **D67C5C**, and **621A00** is the 20% darker color. If you saturate the color by 10%, you get **9B3F1E**, and if you desaturate by 10%, it is **9B553D**.

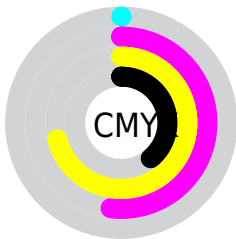
Distribution



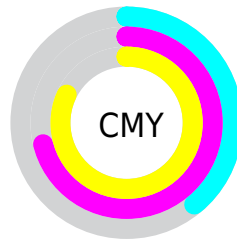
- Red (61%)
- Green (29%)
- Blue (18%)



- Red (61%)
- Yellow (33%)
- Blue (18%)



- Cyan (0%)
- Magenta (52%)
- Yellow (71%)
- Black (39%)



- Cyan (39%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B4A2D 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 9B4A2D by changing the saturation by 10% instead.



9B4A2D



9B4A2D

FFFFFF



7E3217



D67C5C



621A00



F49775



460000



FFB28F



2E0001



FFCEA9



000000



FFEAC5



FFFFE1

FFFFFFE



9B4A2D



9B4A2D

■ 9B3F1E

■ 9B553D

■ 9B330E

■ 9B614C

■ 9B2900

■ 9B6C5C

■ 9B786B

■ 9B837B

■ 9B8E8A

■ 9B9A9A

■ 9BA5A9

■ 9BB1B9

Harmonies

Analogous

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



A53E4F



9B4A2D



835913

Triad

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



9B4A2D



00724E



3E5FA9

Complementary

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



9B4A2D



2D7E9B

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.



006BAA



9B4A2D



007375

Square

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



9B4A2D



366E2A



007196



7C4F96

Rectangle

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



9B4A2D



6E620C



007196



1063AC

Sweetspot

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



9B4A2D



C9AA9F



9B2D80



66534D



E6E6E6



666666

Same Dimension

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



9B4A2D



C94B1E



9B802D



4D4745



8C2500



0D0300

Inverse Universe

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



2D7E9B



1E9CC9



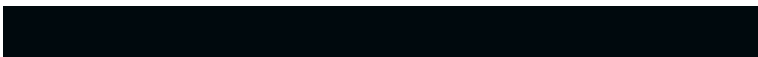
2D499B



454A4D



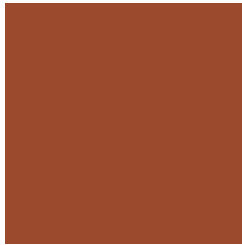
00678C



00090D

Previews

White Background



This preview shows how the Hex color 9B4A2D looks on a white background.

Color Contrast Check

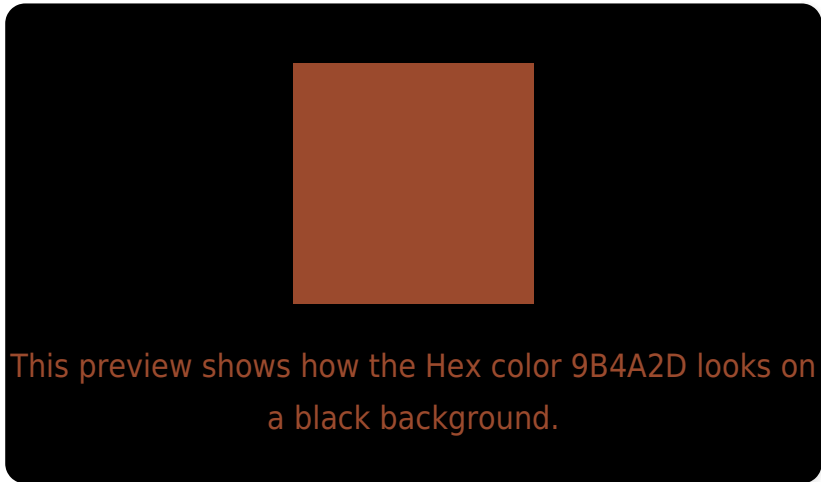
Large Text (above 18pt) WCAG AA ✓ Pass

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

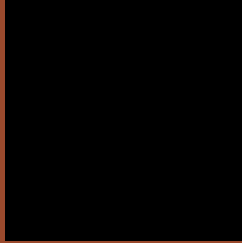
Any Text WCAG AA × Fail

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 9B4A2D Background



This preview shows how black text looks on a background with the Hex color 9B4A2D.



This preview shows how white text looks on a background with the Hex color 9B4A2D.

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
9B4A2D

Protanopia
6C6235

Deuteranopia
7A5D29



Tritanopia
9C464B

Trichromacy



Original Color
9B4A2D

Protanomaly
7D5932

Deuteranomaly
86562A

Tritanomaly
9C4740

Monochromacy



Original Color
9B4A2D

Achromatopsia
5F5F5F

Achromatomaly
75574D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B4A2D 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 #9B4A2D looks like.

```
.text, #text, p{  
    color:#9B4A2D  
}
```

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 #9B4A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4A2D
}
```

Border

The CSS property to change the border of an element to Hex 9B4A2D 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
#9B4A2D }
```

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

```
.border{ border-color:#9B4A2D }
```

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

Here you see how a box with a 4 pixel #9B4A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4A2D; -webkit-box-shadow:4px 4px  
4px 4px #9B4A2D; box-shadow:4px 4px 4px  
4px #9B4A2D }
```

Background

The CSS property to change the background color of an element to Hex 9B4A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4A2D }
```

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

```
.background{ background-color:#9B4A2D }
```

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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