

Converting Colors

Hex(9A5A2A)

Have a look what the booklet for
Hex(9A5A2A) contains.

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Color

Hex(9A5A2A)

Conversions

Conversions Part 1

Format	Color
Hex	9A5A2A
RGB	154, 90, 42
RGB Percent	60%, 35%, 16%
CMY	0.3961, 0.6471, 0.8353
CMYK	0.00, 0.42, 0.73, 0.40
HSL	26°, 57%, 38%
HSV	26°, 73%, 60%
XYZ	17.4005, 14.3495, 4.0431
YIQ	103.6640, 53.5520, -1.3600

Conversions

Conversions Part 2

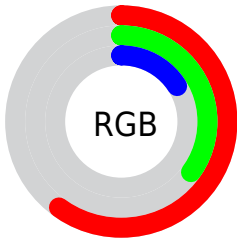
Format	Color
RYB	154, 126, 42
Decimal	10115626
CIELab	44.73, 22.14, 37.98
CIElCh	45, 43.965, 59.762
Yxy	14.3495, 0.4861, 0.4009
Android (android.graphics.Color)	4288305706 (0xFF9A5A2A)
YUV	103.6640, -30.4004, 44.1447
Hunter-Lab	37.8808, 15.7026, 20.1884

Details

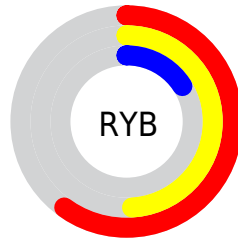
The Hex color **9A5A2A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2A6A9A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D48D5A**, and **622B00** is the 20% darker color. If you saturate the color by 10%, you get **9A511B**, and if you desaturate by 10%, it is **9A6339**.

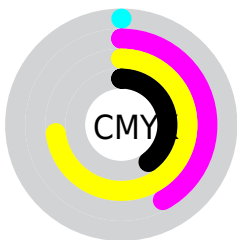
Distribution



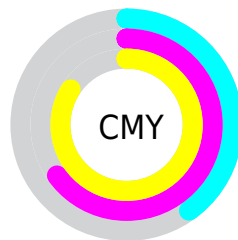
- Red (60%)
- Green (35%)
- Blue (16%)



- Red (60%)
- Yellow (49%)
- Blue (16%)



- Cyan (0%)
- Magenta (42%)
- Yellow (73%)
- Black (40%)



- Cyan (40%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A5A2A 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 9A5A2A by changing the saturation by 10% instead.



9A5A2A



9A5A2A

FFFFFF



7E4213



D48D5A



622B00



F2A773



471500



FFC28D



2D0000



FFDEA8



000000



FFFBC3



FFFFDF



FFFFFC



9A5A2A



9A5A2A

■ 9A511B

■ 9A6339

■ 9A480B

■ 9A6C49

■ 9A4200

■ 9A7458

■ 9A7D68

■ 9A8677

■ 9A8F86

■ 9A9896

■ 9AA0A5

■ 9AA9B5

Harmonies

Analogous

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



AB4D48



9A5A2A



7E681A

Triad

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



9A5A2A



007B68



6A60AA

Complementary

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



9A5A2A



2A6A9A

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.



006EB3



9A5A2A



007B8D

Square

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



9A5A2A



247943



0077A9



96518F

Rectangle

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



9A5A2A



666F1F



0077A9



5465AF

Sweetspot

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



9A5A2A



C9B09D



9A2A6B



66574B



E6E6E6



666666

Same Dimension

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



9A5A2A



C9651A



9A912A



4D4845



8C3C00



0D0500

Inverse Universe

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



2A6A9A



1A7EC9



2A339A



45494D



00508C



00070D

Previews

White Background



This preview shows how the Hex color 9A5A2A looks on a white background.

Color Contrast Check

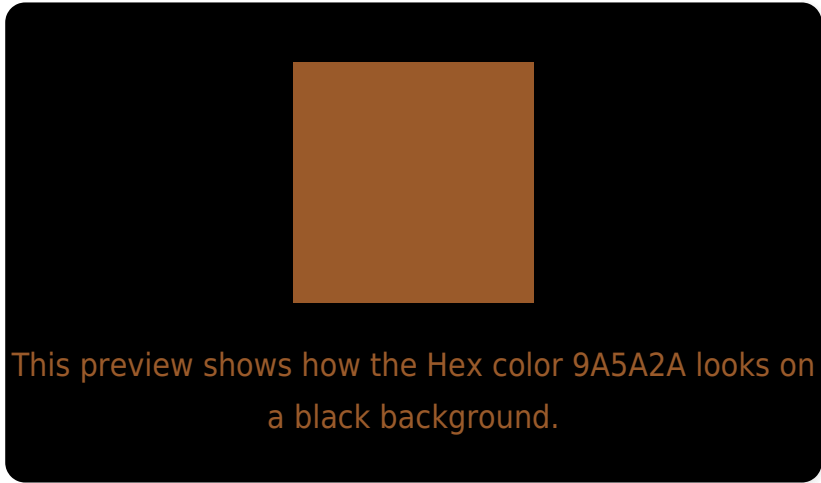
Large Text (above 18pt) WCAG AA ✓ Pass

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

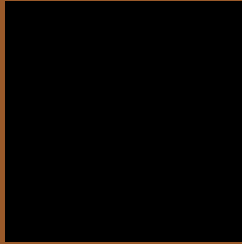
Any Text WCAG AA × Fail

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 9A5A2A Background



This preview shows how black text looks on a background with the Hex color 9A5A2A.



This preview shows how white text looks on a background with the Hex color 9A5A2A.

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
9A5A2A

Protanopia
766A2F

Deuteranopia
856527



Tritanopia
9D555B

Trichromacy



Original Color
9A5A2A

Protanomaly
83642D

Deuteranomaly
8D6128

Tritanomaly
9C5749

Monochromacy



Original Color
9A5A2A

Achromatopsia
686868

Achromatomaly
7A6351

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A5A2A 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 #9A5A2A looks like.

```
.text, #text, p{  
    color:#9A5A2A  
}
```

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 #9A5A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A5A2A
}
```

Border

The CSS property to change the border of an element to Hex 9A5A2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

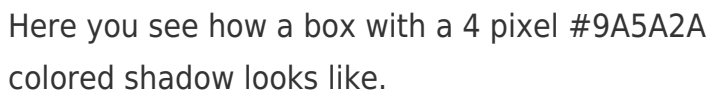
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A5A2A }
```

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

```
.border{ border-color:#9A5A2A }
```

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



Here you see how a box with a 4 pixel #9A5A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A5A2A; -webkit-box-shadow:4px 4px  
4px 4px #9A5A2A; box-shadow:4px 4px 4px  
4px #9A5A2A }
```

Background

The CSS property to change the background color of an element to Hex 9A5A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A5A2A }
```

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

```
.background{ background-color:#9A5A2A }
```

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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