

Converting Colors

Hex(9A5C1D)

Have a look what the booklet for
Hex(9A5C1D) contains.

Hex(9A5C1D)	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(9A5C1D)

Conversions

Conversions Part 1

Format	Color
Hex	9A5C1D
RGB	154, 92, 29
RGB Percent	60%, 36%, 11%
CMY	0.3961, 0.6392, 0.8863
CMYK	0.00, 0.40, 0.81, 0.40
HSL	30°, 68%, 36%
HSV	30°, 81%, 60%
XYZ	17.3753, 14.6130, 3.0672
YIQ	103.3560, 57.1750, -6.4490

Conversions

Conversions Part 2

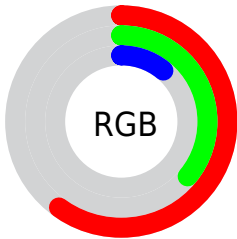
Format	Color
R_{YB}	152, 154, 29
Decimal	10116125
CIE Lab	45.10, 20.41, 44.49
CIE LCh	45, 48.948, 65.355
Yxy	14.6130, 0.4957, 0.4169
Android (android.graphics.Color)	4288306205 (0xFF9A5C1D)
YUV	103.3560, -36.6575, 44.4148
Hunter-Lab	38.2270, 14.2365, 22.0016

Details

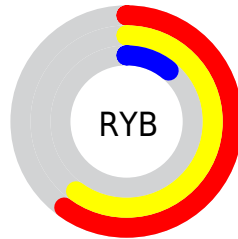
The Hex color **9A5C1D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1D5B9A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D58F4E**, and **622D00** is the 20% darker color. If you saturate the color by 10%, you get **9A540E**, and if you desaturate by 10%, it is **9A642C**.

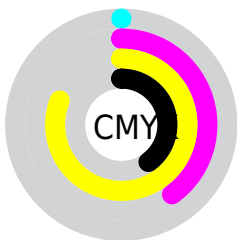
Distribution



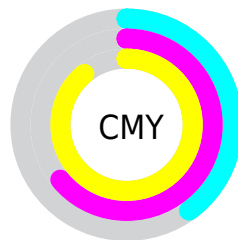
- Red (60%)
- Green (36%)
- Blue (11%)



- Red (60%)
- Yellow (60%)
- Blue (11%)



- Cyan (0%)
- Magenta (40%)
- Yellow (81%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A5C1D 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 9A5C1D by changing the saturation by 10% instead.

 9A5C1D

 9A5C1D

FFFFFF

 7D4401

 D58F4E

 622D00

 F3A967

 461800

 FFC481

 2C0100

 FFE09C

 000000

 FFFDB7

 FFFFD3

 FFFFF0

 9A5C1D

 9A5C1D

■ 9A540E

■ 9A642C

■ 9A4E00

■ 9A6B3C

■ 9A734B

■ 9A7B5B

■ 9A826A

■ 9A8A79

■ 9A9189

■ 9A9998

■ 9AA1A8

Harmonies

Analogous

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



B04B3E



9A5C1D



796B0C

Triad

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



9A5C1D



007E71



755DAE

Complementary

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



9A5C1D



1D5B9A

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.



046DBC



9A5C1D



007D99

Square

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



9A5C1D



007C47



0078B5



A24B8E

Rectangle

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



9A5C1D



5E7318



0078B5



5F63B5

Sweetspot

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



9A5C1D



C9B199



9A1D5C



665748



E6E6E6



666666

Same Dimension

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



9A5C1D



C96906



9A9A1D



4D4945



8C4700



0D0600

Inverse Universe

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



1D5B9A



0667C9



1D1D9A



45494D



00468C



00060D

Previews

White Background



This preview shows how the Hex color 9A5C1D looks on a white background.

Color Contrast Check

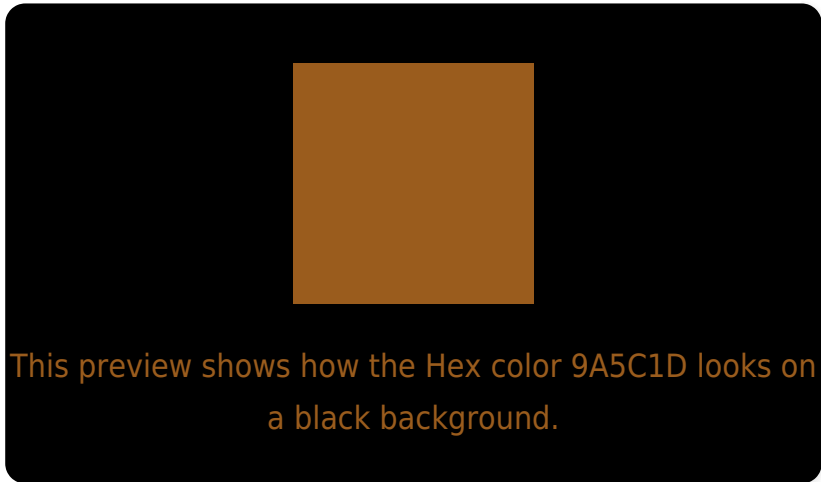
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A5C1D Background



This preview shows how black text looks on a background with the Hex color 9A5C1D.



This preview shows how white text looks on a background with the Hex color 9A5C1D.

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
9A5C1D

Protanopia
786B21

Deuteranopia
876619



Tritanopia
9D565C

Trichromacy



Original Color
9A5C1D

Protanomaly
846620

Deuteranomaly
8E621A

Tritanomaly
9C5845

Monochromacy



Original Color
9A5C1D

Achromatopsia
676767

Achromatomaly
7A634C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A5C1D 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 #9A5C1D looks like.

```
.text, #text, p{  
    color:#9A5C1D  
}
```

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 #9A5C1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A5C1D
}
```

Border

The CSS property to change the border of an element to Hex 9A5C1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

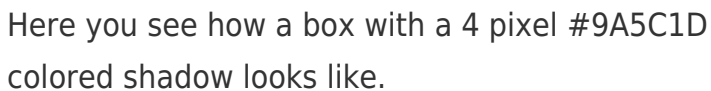
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A5C1D }
```

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

```
.border{ border-color:#9A5C1D }
```

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



Here you see how a box with a 4 pixel #9A5C1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A5C1D; -webkit-box-shadow:4px 4px  
4px 4px #9A5C1D; box-shadow:4px 4px 4px  
4px #9A5C1D }
```

Background

The CSS property to change the background color of an element to Hex 9A5C1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A5C1D }
```

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

```
.background{ background-color:#9A5C1D }
```

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