

# Converting Colors

Hex(9A5A3B)

Have a look what the booklet for  
Hex(9A5A3B) contains.

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# Color

**Hex(9A5A3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A5A3B
RGB	154, 90, 59
RGB Percent	60%, 35%, 23%
CMY	0.3961, 0.6471, 0.7686
CMYK	0.00, 0.42, 0.62, 0.40
HSL	20°, 45%, 42%
HSV	20°, 62%, 60%
XYZ	17.7720, 14.4981, 5.9994
YIQ	105.6020, 48.0950, 3.9270

# Conversions

## Conversions Part 2

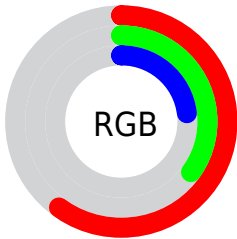
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 105, 59
Decimal	10115643
CIELab	44.94, 23.25, 28.96
CIELCh	45, 37.138, 51.248
Yxy	14.4981, 0.4644, 0.3788
Android (android.graphics.Color)	4288305723 (0xFF9A5A3B)
YUV	105.6020, -22.9748, 42.4450
Hunter-Lab	38.0764, 16.6805, 17.3116

# Details

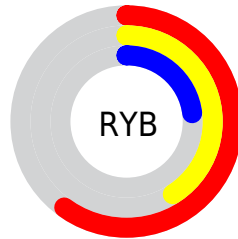
The Hex color **9A5A3B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3B7B9A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D48D6B**, and **632B0F** is the 20% darker color. If you saturate the color by 10%, you get **9A502C**, and if you desaturate by 10%, it is **9A644A**.

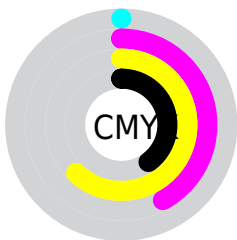
# Distribution



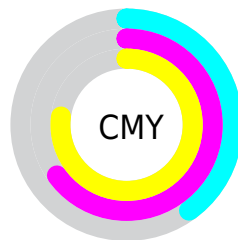
- Red (60%)
- Green (35%)
- Blue (23%)



- Red (60%)
- Yellow (41%)
- Blue (23%)



- Cyan (0%)
- Magenta (42%)
- Yellow (62%)
- Black (40%)



- Cyan (40%)
- Magenta (65%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A5A3B 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 9A5A3B by changing the saturation by 10% instead.



 9A5A3B

 9A5A3B

FFFFFF

 7E4225

 D48D6B

 632B0F

 F1A784

 481500

 FFC39F

 2E0000

 FFDFBA

 040000

 FFFBD6

 000000

 FFFFF2

 9A5A3B

 9A5A3B

 9A502C

 9A644A

■ 9A451C

■ 9A6F5A

■ 9A3B0D

■ 9A7969

■ 9A3200

■ 9A8379

■ 9A8E88

■ 9A9897

■ 9AA3A7

■ 9AADB6

■ 9AB7C6

# Harmonies

## Analogous

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



A45156



9A5A3B



84652B

# Triad

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



9A5A3B



007960



5E66A4

# Complementary

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



9A5A3B



3B7B9A

# 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.



0770A7



9A5A3B



007A80

# Square

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



9A5A3B



427642



00779A



885A91

# Rectangle

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



9A5A3B



716C2B



00779A



4B6AA7



# Sweetspot

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



9A5A3B



C9B0A3



9A3B7C



66564F



E6E6E6



666666



# Same Dimension

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



9A5A3B



C96534



9A893B



4D4745



8C2E00



0D0400



# Inverse Universe

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



3B7B9A



3499C9



3B4C9A



454A4D



005E8C



00090D



# Previews

## White Background



This preview shows how the Hex color 9A5A3B looks on a white background.

## Color Contrast Check

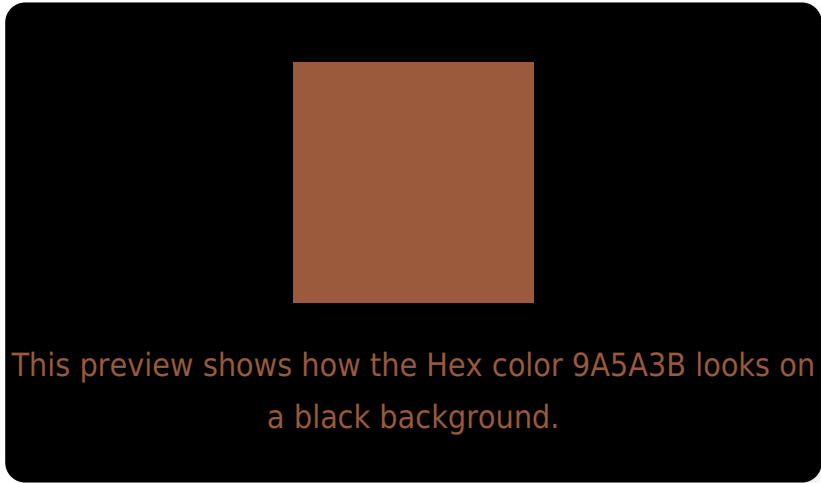
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A5A3B Background



This preview shows how black text looks on a background with the Hex color 9A5A3B.



This preview shows how white text looks on a background with the Hex color 9A5A3B.

# 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**  
9A5A3B

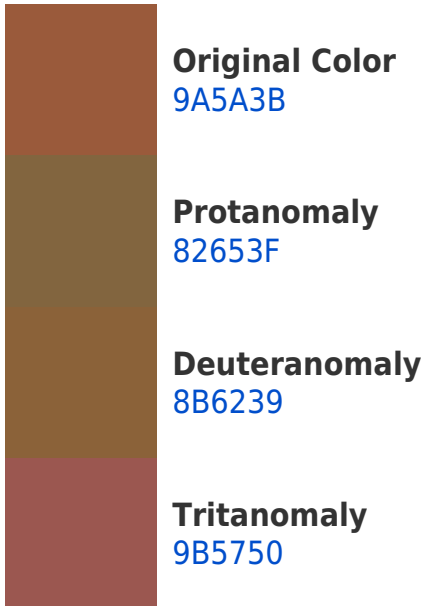
**Protanopia**  
756B41

**Deuteranopia**  
836638

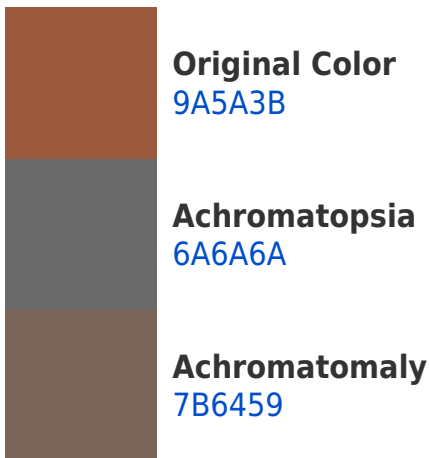


**Tritanopia**  
9C565C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A5A3B 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 #9A5A3B looks like.

```
.text, #text, p{  
    color:#9A5A3B  
}
```

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 #9A5A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A5A3B
}
```

## Border

The CSS property to change the border of an element to Hex 9A5A3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

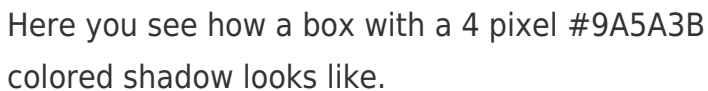
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A5A3B }
```

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

```
.border{ border-color:#9A5A3B }
```

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



Here you see how a box with a 4 pixel #9A5A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A5A3B; -webkit-box-shadow:4px 4px  
4px 4px #9A5A3B; box-shadow:4px 4px 4px  
4px #9A5A3B }
```

# Background

The CSS property to change the background color of an element to Hex 9A5A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A5A3B }
```

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

```
.background{ background-color:#9A5A3B }
```

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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