

# Converting Colors

Hex(9A5934)

Have a look what the booklet for  
Hex(9A5934) contains.

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**Color**

**Hex(9A5934)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A5934
RGB	154, 89, 52
RGB Percent	60%, 35%, 20%
CMY	0.3961, 0.6510, 0.7961
CMYK	0.00, 0.42, 0.66, 0.40
HSL	22°, 50%, 40%
HSV	22°, 66%, 60%
XYZ	17.5186, 14.2627, 5.0785
YIQ	104.2170, 50.6170, 2.2730

# Conversions

## Conversions Part 2

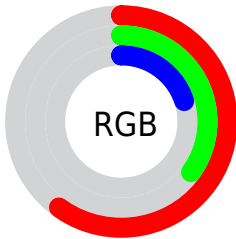
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 110, 52
Decimal	10115380
CIELab	44.61, 23.31, 32.50
CIElCh	45, 39.998, 54.353
Yxy	14.2627, 0.4753, 0.3869
Android (android.graphics.Color)	4288305460 (0xFF9A5934)
YUV	104.2170, -25.7430, 43.6597
Hunter-Lab	37.7660, 16.7108, 18.4634

# Details

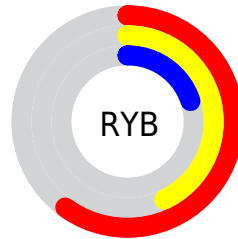
The Hex color **9A5934** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **34759A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D48C64**, and **622A06** is the 20% darker color. If you saturate the color by 10%, you get **9A4F25**, and if you desaturate by 10%, it is **9A6343**.

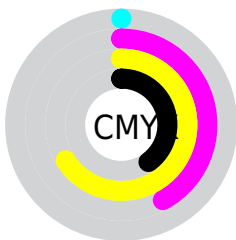
# Distribution



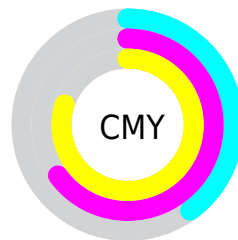
- Red (60%)
- Green (35%)
- Blue (20%)



- Red (60%)
- Yellow (43%)
- Blue (20%)



- Cyan (0%)
- Magenta (42%)
- Yellow (66%)
- Black (40%)



- Cyan (40%)
- Magenta (65%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A5934 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 9A5934 by changing the saturation by 10% instead.



 9A5934

 9A5934

FFFFFF

 7E411E

 D48C64

 622A06

 F2A67D

 481400

 FFC297

 2E0000

 FFDEB2

 000000

 FFFACE

 FFFFEA

 9A5934

 9A5934

 9A4F25

 9A6343

■ 9A4515

■ 9A6D53

■ 9A3C06

■ 9A7662

■ 9A3800

■ 9A8072

■ 9A8A81

■ 9A9490

■ 9A9EA0

■ 9AA8AF

■ 9AB1BF

# Harmonies

## Analogous

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



A74E50



9A5934



826624

# Triad

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



9A5934



007A62



6163A6

# Complementary

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



9A5934



34759A

# 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.



006FAC



9A5934



007A84

# Square

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



9A5934



387641



00779F



8C5691

# Rectangle

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



9A5934



6D6D25



00779F



4C68AA



# Sweetspot

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



9A5934



C9B0A1



9A3476



66564E



E6E6E6



666666



# Same Dimension

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



9A5934



C9642A



9A8B34



4D4845



8C3300



0D0500



# Inverse Universe

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



34759A



2A90C9



34439A



454A4D



00598C



00080D



# Previews

## White Background



This preview shows how the Hex color 9A5934 looks on a white background.

## Color Contrast Check

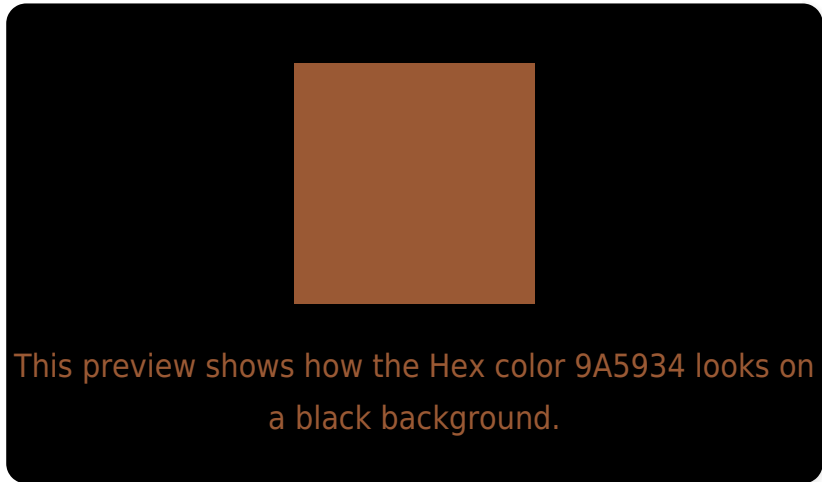
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A5934 Background



This preview shows how black text looks on a background with the Hex color 9A5934.



This preview shows how white text looks on a background with the Hex color 9A5934.

# 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**  
9A5934

**Protanopia**  
756A3A

**Deuteranopia**  
836531



**Tritanopia**  
9C545B

# Trichromacy



**Original Color**  
9A5934

**Protanomaly**  
826438

**Deuteranomaly**  
8B6132

**Tritanomaly**  
9B564D

# Monochromacy



**Original Color**  
9A5934

**Achromatopsia**  
686868

**Achromatomaly**  
7A6355

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A5934 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 #9A5934 looks like.

```
.text, #text, p{  
    color:#9A5934  
}
```

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 #9A5934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A5934
}
```

## Border

The CSS property to change the border of an element to Hex 9A5934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

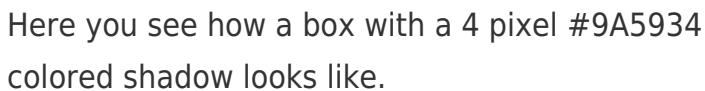
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A5934 }
```

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

```
.border{ border-color:#9A5934 }
```

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



Here you see how a box with a 4 pixel #9A5934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A5934; -webkit-box-shadow:4px 4px  
4px 4px #9A5934; box-shadow:4px 4px 4px  
4px #9A5934 }
```

# Background

The CSS property to change the background color of an element to Hex 9A5934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A5934 }
```

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

```
.background{ background-color:#9A5934 }
```

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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