

# Converting Colors

Hex(9B5F46)

Have a look what the booklet for  
Hex(9B5F46) contains.

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**Color**

**Hex(9B5F46)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B5F46
RGB	155, 95, 70
RGB Percent	61%, 37%, 27%
CMY	0.3922, 0.6275, 0.7255
CMYK	0.00, 0.39, 0.55, 0.39
HSL	18°, 38%, 44%
HSV	18°, 55%, 61%
XYZ	18.7153, 15.5952, 7.8181
YIQ	110.0900, 43.7850, 4.9450

# Conversions

## Conversions Part 2

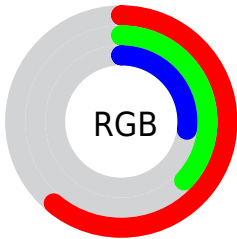
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 105, 70
Decimal	10182470
CIELab	46.44, 21.75, 24.53
CIELCh	46, 32.783, 48.429
Yxy	15.5952, 0.4442, 0.3702
Android (android.graphics.Color)	4288372550 (0xFF9B5F46)
YUV	110.0900, -19.7644, 39.3861
Hunter-Lab	39.4907, 15.4851, 15.9057

# Details

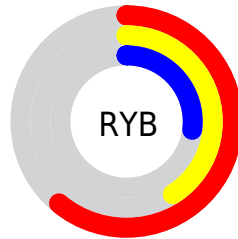
The Hex color **9B5F46** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **46829B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D49277**, and **64301A** is the 20% darker color. If you saturate the color by 10%, you get **9B5436**, and if you desaturate by 10%, it is **9B6A56**.

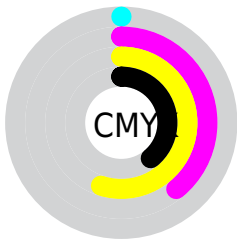
# Distribution



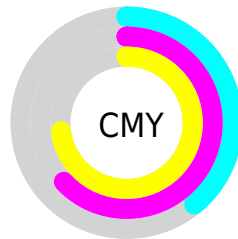
- Red (61%)
- Green (37%)
- Blue (27%)



- Red (61%)
- Yellow (41%)
- Blue (27%)



- Cyan (0%)
- Magenta (39%)
- Yellow (55%)
- Black (39%)



- Cyan (39%)
- Magenta (63%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B5F46 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 9B5F46 by changing the saturation by 10% instead.



 9B5F46

 9B5F46

FFFFFF

 7F472F

 D49277

 64301A

 F2AD90

 4A1A00

 FFC8AB

 300400

 FFE4C6

 100000

 FFFFEE

 000000

 9B5F46

 9B5F46

 9B5436

 9B6A56

 9B4927

 9B7565

 9B3E17

 9B8075

 9B3308

 9B8B84

 9B2E00

 9B9693

 9BA1A3

 9BACB3

 9BB7C2

 9BC1D1

# Harmonies

## Analogous

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



A3585E



9B5F46



886938

# Triad

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



9B5F46



257C62



606BA2

# Complementary

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



9B5F46



46829B

# 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.



2874A3



9B5F46



007C7E

# Square

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



9B5F46



4F7848



007A96



866093

# Rectangle

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



9B5F46



786F36



007A96



506EA4



# Sweetspot

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



9B5F46



C9B3A9



9B4683



665853



E6E6E6



666666



# Same Dimension

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



9B5F46



C96C44



9B8946



4D4745



8C2900



0D0400



# Inverse Universe

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



46829B



44A2C9



46589B



454A4D



00638C



00090D



# Previews

## White Background



This preview shows how the Hex color 9B5F46 looks on a white background.

## Color Contrast Check

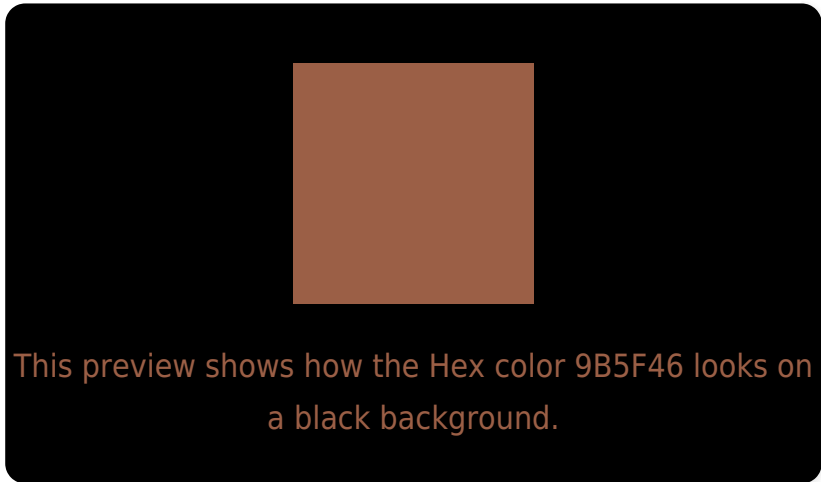
Large Text (above 18pt) WCAG AA ✓ Pass

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

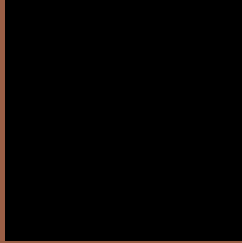
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9B5F46 Background



This preview shows how black text looks on a background with the Hex color 9B5F46.



This preview shows how white text looks on a background with the Hex color 9B5F46.

# 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**  
9B5F46

**Protanopia**  
776E4C

**Deuteranopia**  
866A44



**Tritanopia**  
9D5B62

# Trichromacy



**Original Color**  
9B5F46

**Protanomaly**  
84694A

**Deuteranomaly**  
8E6645

**Tritanomaly**  
9C5C58

# Monochromacy



**Original Color**  
9B5F46

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
7E695F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B5F46 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 #9B5F46 looks like.

```
.text, #text, p{  
    color:#9B5F46  
}
```

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 #9B5F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5F46
}
```

## Border

The CSS property to change the border of an element to Hex 9B5F46 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
#9B5F46 }
```

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

```
.border{ border-color:#9B5F46 }
```

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

Here you see how a box with a 4 pixel #9B5F46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5F46; -webkit-box-shadow:4px 4px  
4px 4px #9B5F46; box-shadow:4px 4px 4px  
4px #9B5F46 }
```

# Background

The CSS property to change the background color of an element to Hex 9B5F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5F46 }
```

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

```
.background{ background-color:#9B5F46 }
```

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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