

Converting Colors

Hex(9B5A40)

Have a look what the booklet for
Hex(9B5A40) contains.

| | |
|------------------------------------------------|----|
| Hex(9B5A40) | 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(9B5A40)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9B5A40 |
| RGB | 155, 90, 64 |
| RGB Percent | 61%, 35%, 25% |
| CMY | 0.3922, 0.6471, 0.7490 |
| CMYK | 0.00, 0.42, 0.59, 0.39 |
| HSL | 17°, 42%, 43% |
| HSV | 17°, 59%, 61% |
| XYZ | 18.0991, 14.6511, 6.7245 |
| YIQ | 106.4710, 47.0860, 5.6940 |

Conversions

Conversions Part 2

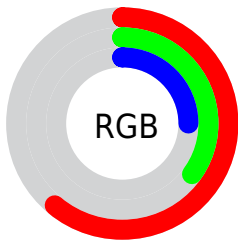
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 155, 100, 64 |
| Decimal | 10181184 |
| CIE Lab | 45.15, 24.07, 26.38 |
| CIE LCh | 45, 35.711, 47.622 |
| Yxy | 14.6511, 0.4585, 0.3712 |
| Android (android.graphics.Color) | 4288371264 (0xFF9B5A40) |
| YUV | 106.4710, -20.9382, 42.5599 |
| Hunter-Lab | 38.2767, 17.4195, 16.3776 |

Details

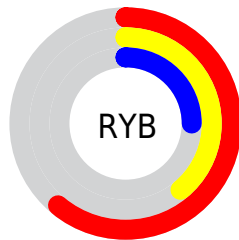
The Hex color **9B5A40** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **40819B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D58D70**, and **642B14** is the 20% darker color. If you saturate the color by 10%, you get **9B4F31**, and if you desaturate by 10%, it is **9B6550**.

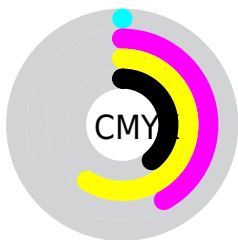
Distribution



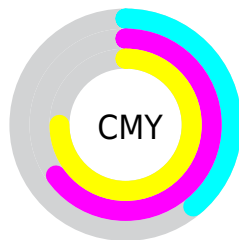
- Red (61%)
- Green (35%)
- Blue (25%)



- Red (61%)
- Yellow (39%)
- Blue (25%)



- Cyan (0%)
- Magenta (42%)
- Yellow (59%)
- Black (39%)



- Cyan (39%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B5A40 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 9B5A40 by changing the saturation by 10% instead.

 9B5A40

 9B5A40

FFFFFF

 7F422A

 D58D70

 642B14


 F2A78A

 4A1400

 FFC3A4

 2F0000

 FFDFBF

 080000

 FFFCDB

 000000

 FFFFF8

 9B5A40

 9B5A40

 9B4F31

 9B6550

 9B4421

 9B705F

 9B3912

 9B7B6E

 9B2E02

 9B867E

 9B2C00

 9B918E

 9B9C9D

 9BA7AD

 9BB3BC

 9BBECB

Harmonies

Analogous

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



A3525A



9B5A40



876530

Triad

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



9B5A40



12795D



5968A4

Complementary

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



9B5A40



40819B

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.



0172A5



9B5A40



007A7C

Square

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



9B5A40



497641



007896



835C93

Rectangle

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



9B5A40



756C2E



007896



466BA6

Sweetspot

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



9B5A40



C9B0A5



9B4081



665650



E6E6E6



666666

Same Dimension

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



9B5A40



C9653C



9B8740



4D4745



8C2800



0D0400

Inverse Universe

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



40819B



3CA1C9



40549B



454A4D



00648C



00090D

Previews

White Background



This preview shows how the Hex color 9B5A40 looks on a white background.

Color Contrast Check

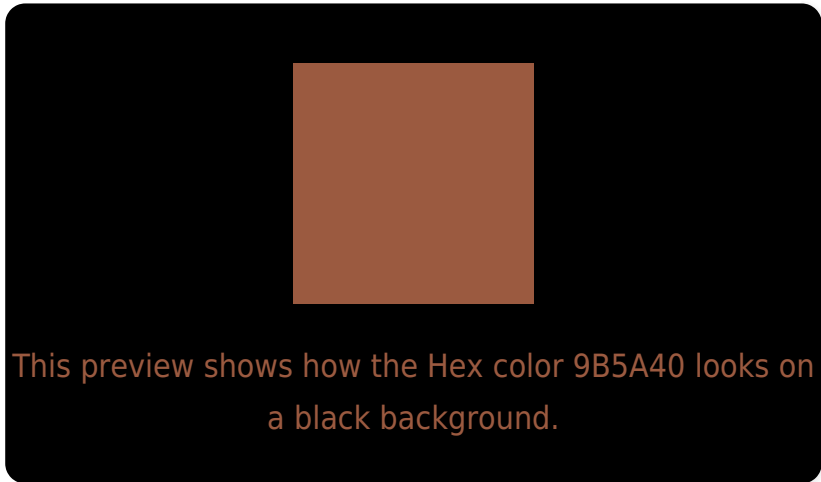
Large Text (above 18pt) WCAG AA ✓ Pass

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

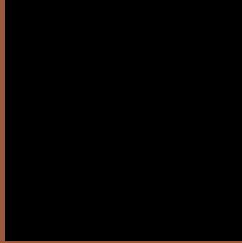
Any Text WCAG AA × Fail

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 9B5A40 Background



This preview shows how black text looks on a background with the Hex color 9B5A40.



This preview shows how white text looks on a background with the Hex color 9B5A40.

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
9B5A40

Protanopia
756B47

Deuteranopia
83663D



Tritanopia
9D565D

Trichromacy



Original Color
9B5A40

Protanomaly
836544

Deuteranomaly
8C623E

Tritanomaly
9C5752

Monochromacy



Original Color
9B5A40

Achromatopsia
6A6A6A

Achromatomaly
7C645B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B5A40 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 #9B5A40 looks like.

```
.text, #text, p{  
    color:#9B5A40  
}
```

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 #9B5A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5A40
}
```

Border

The CSS property to change the border of an element to Hex 9B5A40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

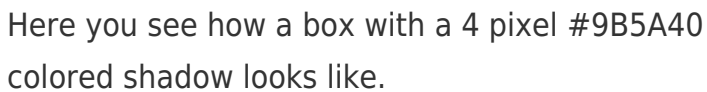
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B5A40 }
```

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

```
.border{ border-color:#9B5A40 }
```

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



Here you see how a box with a 4 pixel #9B5A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5A40; -webkit-box-shadow:4px 4px  
4px 4px #9B5A40; box-shadow:4px 4px 4px  
4px #9B5A40 }
```

Background

The CSS property to change the background color of an element to Hex 9B5A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5A40 }
```

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

```
.background{ background-color:#9B5A40 }
```

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