

# Converting Colors

Hex(9B5822)

Have a look what the booklet for  
Hex(9B5822) contains.

<b>Hex(9B5822)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9B5822)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B5822
RGB	155, 88, 34
RGB Percent	61%, 35%, 13%
CMY	0.3922, 0.6549, 0.8667
CMYK	0.00, 0.43, 0.78, 0.39
HSL	27°, 64%, 37%
HSV	27°, 78%, 61%
XYZ	17.2960, 14.0635, 3.3163
YIQ	101.8770, 57.2660, -2.5900

# Conversions

## Conversions Part 2

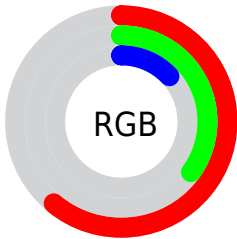
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">155, 132, 34</a>
Decimal	<a href="#">10180642</a>
CIELab	<a href="#">44.32, 23.32, 41.55</a>
CIELCh	<a href="#">44, 47.646, 60.693</a>
Yxy	<a href="#">14.0635, 0.4988, 0.4056</a>
Android (android.graphics.Color)	<a href="#">4288370722 (0xFF9B5822)</a>
YUV	<a href="#">101.8770, -33.4634, 46.5889</a>
Hunter-Lab	<a href="#">37.5013, 16.6988, 21.0078</a>

# Details

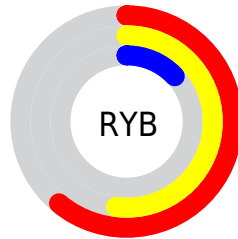
The Hex color **9B5822** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **22659B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **D68A52**, and **632900** is the 20% darker color. If you saturate the color by 10%, you get **9B4F13**, and if you desaturate by 10%, it is **9B6131**.

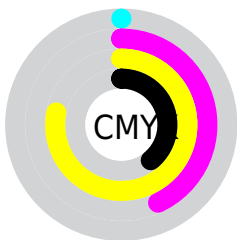
# Distribution



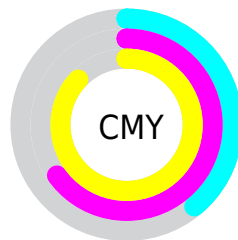
- Red (61%)
- Green (35%)
- Blue (13%)



- Red (61%)
- Yellow (52%)
- Blue (13%)



- Cyan (0%)
- Magenta (43%)
- Yellow (78%)
- Black (39%)



- Cyan (39%)
- Magenta (65%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B5822 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 9B5822 by changing the saturation by 10% instead.



 9B5822

 9B5822

FFFFFF

 7E4008

 D68A52

 632900

 F4A56B

 471300

 FFC085

 2D0000

 FFDCA0

 000000

 FFF9BB

 FFFFD7

 FFFFF4

 9B5822

 9B5822

■ 9B4F13

■ 9B6131

■ 9B4703

■ 9B6941

■ 9B4500

■ 9B7250

■ 9B7A60

■ 9B836F

■ 9B8B7F

■ 9B948F

■ 9B9D9E

■ 9BA5AD

# Harmonies

## Analogous

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



AE4943



9B5822



7C670E

# Triad

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



9B5822



007B69



6A5EAD

# Complementary

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



9B5822



22659B

# 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.



006DB8



9B5822



007B90

# Square

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



9B5822



107940



0077AD



994D90

# Rectangle

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



9B5822



636F15



0077AD



5263B3



# Sweetspot

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



9B5822



C9B09B



9B2267



665649



E6E6E6



666666



# Same Dimension

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



9B5822



C9610C



9B9322



4D4845



8C3F00



0D0600



# Inverse Universe

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



22659B



0C75C9



222A9B



45494D



004E8C



00070D



# Previews

## White Background



This preview shows how the Hex color 9B5822 looks on a white background.

## Color Contrast Check

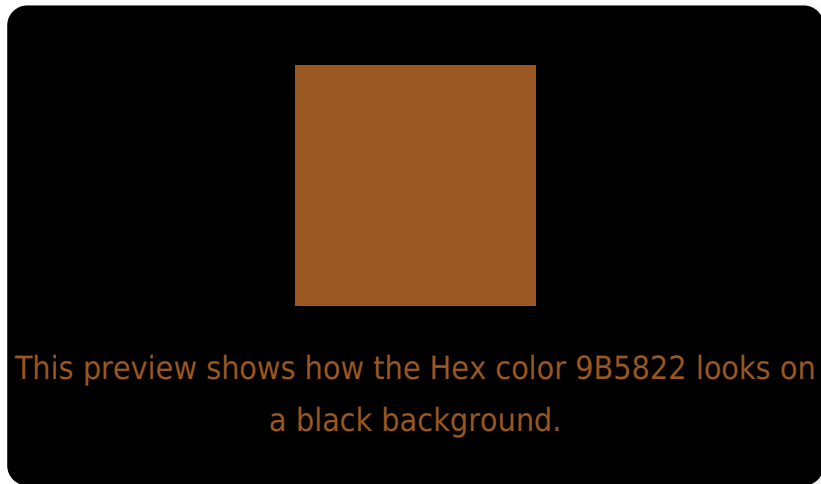
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B5822 Background



This preview shows how black text looks on a background with the Hex color 9B5822.



This preview shows how white text looks on a background with the Hex color 9B5822.

# 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**  
9B5822

**Protanopia**  
766A27

**Deuteranopia**  
84641E



**Tritanopia**  
9E5258

# Trichromacy



**Original Color**  
9B5822

**Protanomaly**  
836325

**Deuteranomaly**  
8C601F

**Tritanomaly**  
9D5444

# Monochromacy



**Original Color**  
9B5822

**Achromatopsia**  
666666

**Achromatomaly**  
79614D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B5822 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 #9B5822 looks like.

```
.text, #text, p{  
    color:#9B5822  
}
```

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 #9B5822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5822
}
```

## Border

The CSS property to change the border of an element to Hex 9B5822 is called "border". The border property can be set on classes, ids or directly on the HTML element.

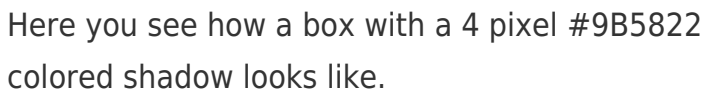
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B5822 }
```

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

```
.border{ border-color:#9B5822 }
```

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



Here you see how a box with a 4 pixel #9B5822 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5822; -webkit-box-shadow:4px 4px  
4px 4px #9B5822; box-shadow:4px 4px 4px  
4px #9B5822 }
```

# Background

The CSS property to change the background color of an element to Hex 9B5822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5822 }
```

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

```
.background{ background-color:#9B5822 }
```

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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