

Converting Colors

Hex(9B5833)

Have a look what the booklet for
Hex(9B5833) contains.

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Color

Hex(9B5833)

Conversions

Conversions Part 1

Format	Color
Hex	9B5833
RGB	155, 88, 51
RGB Percent	61%, 35%, 20%
CMY	0.3922, 0.6549, 0.8000
CMYK	0.00, 0.43, 0.67, 0.39
HSL	21°, 50%, 40%
HSV	21°, 67%, 61%
XYZ	17.6048, 14.1870, 4.9425
YIQ	103.8150, 51.8090, 2.6970

Conversions

Conversions Part 2

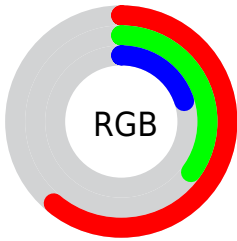
Format	Color
R_{YB}	155, 108, 51
Decimal	10180659
CIE Lab	44.50, 24.24, 32.97
CIE LCh	44, 40.918, 53.674
Yxy	14.1870, 0.4792, 0.3862
Android (android.graphics.Color)	4288370739 (0xFF9B5833)
YUV	103.8150, -26.0378, 44.8892
Hunter-Lab	37.6657, 17.5155, 18.5860

Details

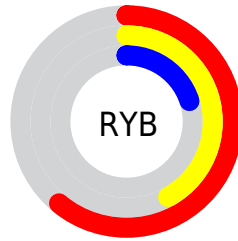
The Hex color **9B5833** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **33769B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D58B63**, and **632905** is the 20% darker color. If you saturate the color by 10%, you get **9B4E23**, and if you desaturate by 10%, it is **9B6243**.

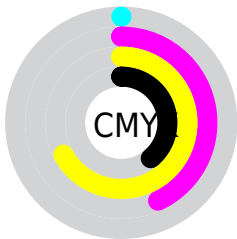
Distribution



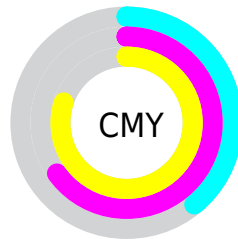
- Red (61%)
- Green (35%)
- Blue (20%)



- Red (61%)
- Yellow (42%)
- Blue (20%)



- Cyan (0%)
- Magenta (43%)
- Yellow (67%)
- Black (39%)



- Cyan (39%)
- Magenta (65%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B5833 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 9B5833 by changing the saturation by 10% instead.

 9B5833

 9B5833

FFFFFF

 7F401D

 D58B63

 632905

 F3A57C

 481300

 FFC196

 2E0000

 FFDDB1

 010000

 FFF9CD

 000000

 FFFFEE9

 9B5833

 9B5833

 9B4E23

 9B6243

 9B4414

 9B6C52

 9B3A05

 9B7662

 9B3700

 9B8071

 9B8A81

 9B9490

 9B9EA0

 9BA8AF

 9BB2BE

Harmonies

Analogous

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



A84D50



9B5833



826522

Triad

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



9B5833



007A61



5F63A8

Complementary

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



9B5833



33769B

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.



006FAD



9B5833



007A84

Square

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



9B5833



37763F



00779F



8C5592

Rectangle

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



9B5833



6D6C23



00779F



4968AB

Sweetspot

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



9B5833



C9AFA1



9B3377



66564E



E6E6E6



666666

Same Dimension

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



9B5833



C96026



9B8B33



4D4845



8C3200



0D0500

Inverse Universe

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



33769B



268FC9



33439B



454A4D



005A8C



00080D

Previews

White Background



This preview shows how the Hex color 9B5833 looks on a white background.

Color Contrast Check

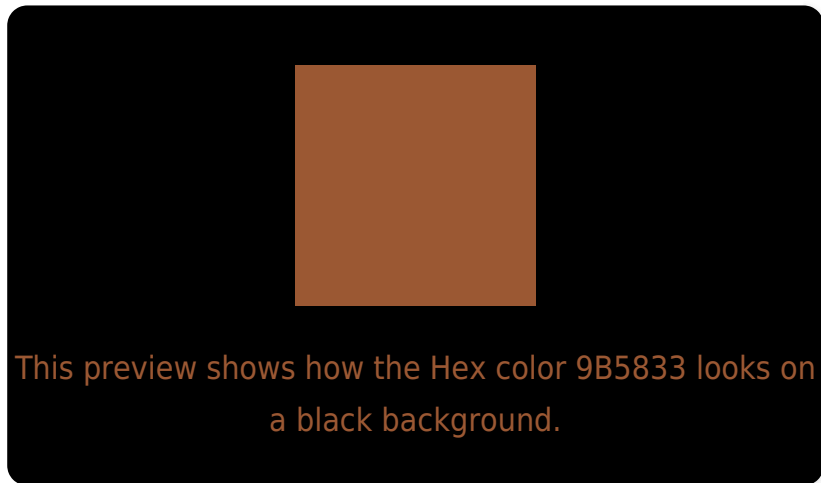
Large Text (above 18pt) WCAG AA ✓ Pass

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

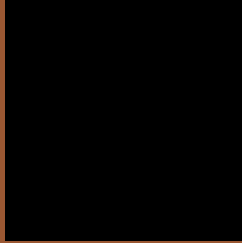
Any Text WCAG AA × Fail

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 9B5833 Background



This preview shows how black text looks on a background with the Hex color 9B5833.



This preview shows how white text looks on a background with the Hex color 9B5833.

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
9B5833

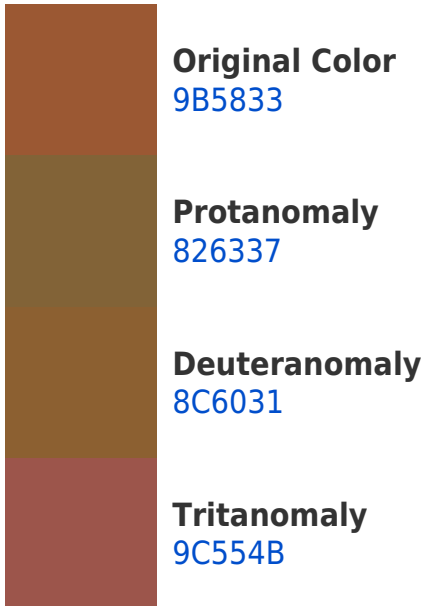
Protanopia
746A39

Deuteranopia
836530

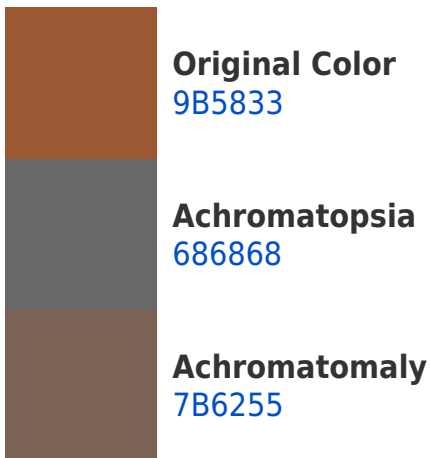


Tritanopia
9D5359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B5833 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 #9B5833 looks like.

```
.text, #text, p{  
    color:#9B5833  
}
```

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 #9B5833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5833
}
```

Border

The CSS property to change the border of an element to Hex 9B5833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

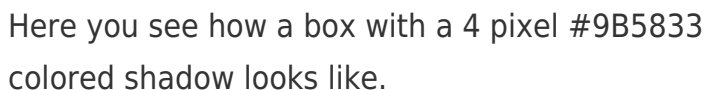
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B5833 }
```

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

```
.border{ border-color:#9B5833 }
```

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



Here you see how a box with a 4 pixel #9B5833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5833; -webkit-box-shadow:4px 4px  
4px 4px #9B5833; box-shadow:4px 4px 4px  
4px #9B5833 }
```

Background

The CSS property to change the background color of an element to Hex 9B5833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5833 }
```

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

```
.background{ background-color:#9B5833 }
```

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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