

Converting Colors

Hex(9B5735)

Have a look what the booklet for
Hex(9B5735) contains.

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Color

Hex(9B5735)

Conversions

Conversions Part 1

Format	Color
Hex	9B5735
RGB	155, 87, 53
RGB Percent	61%, 34%, 21%
CMY	0.3922, 0.6588, 0.7922
CMYK	0.00, 0.44, 0.66, 0.39
HSL	20°, 49%, 41%
HSV	20°, 66%, 61%
XYZ	17.5684, 14.0420, 5.1526
YIQ	103.4560, 51.4420, 3.8420

Conversions

Conversions Part 2

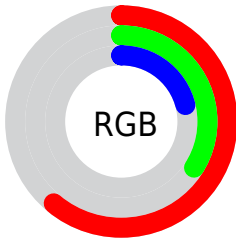
Format	Color
R_{YB}	155, 104, 53
Decimal	10180405
CIE _{Lab}	44.29, 24.93, 31.61
CIE _{LCh}	44, 40.262, 51.736
Yxy	14.0420, 0.4779, 0.3820
Android (android.graphics.Color)	4288370485 (0xFF9B5735)
YUV	103.4560, -24.8748, 45.2041
Hunter-Lab	37.4726, 18.1093, 18.0783

Details

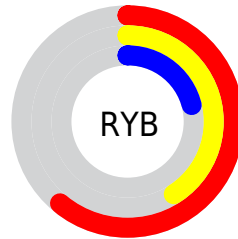
The Hex color **9B5735** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **35799B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D58A65**, and **632808** is the 20% darker color. If you saturate the color by 10%, you get **9B4D26**, and if you desaturate by 10%, it is **9B6145**.

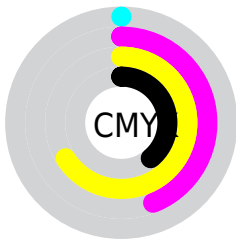
Distribution



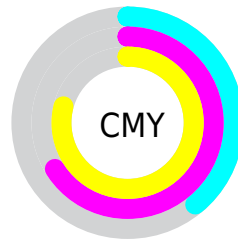
- Red (61%)
- Green (34%)
- Blue (21%)



- Red (61%)
- Yellow (41%)
- Blue (21%)



- Cyan (0%)
- Magenta (44%)
- Yellow (66%)
- Black (39%)



- Cyan (39%)
- Magenta (66%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B5735 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 9B5735 by changing the saturation by 10% instead.

 9B5735

 9B5735

FFFFFF

 7F3F1F

 D58A65

 632808

 F3A47E

 481100

 FFBF98

 2E0000

 FFDCB3

 010000

 FFF8CF

 000000

 FFFFEB

 9B5735

 9B5735

 9B4D26

 9B6145

■ 9B4216

■ 9B6C54

■ 9B3807

■ 9B7664

■ 9B3400

■ 9B8073

■ 9B8B83

■ 9B9592

■ 9B9FA2

■ 9BAAB1

■ 9BB4C1

Harmonies

Analogous

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



A64D52



9B5735



836423

Triad

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



9B5735



00795E



5B64A7

Complementary

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



9B5735



35799B

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.



006FAB



9B5735



007980

Square

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



9B5735



3B753D



00769D



895693

Rectangle

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



9B5735



6F6B23



00769D



4568AA

Sweetspot

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



9B5735



C9AFA1



9B3579



66564E



E6E6E6



666666

Same Dimension

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



9B5735



C95F2A



9B8A35



4D4745



8C2F00



0D0400

Inverse Universe

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



35799B



2A94C9



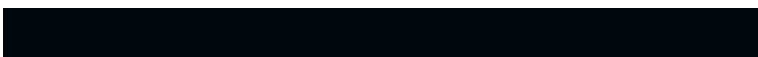
35469B



454A4D



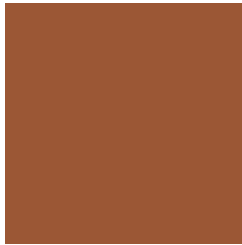
005E8C



00080D

Previews

White Background



This preview shows how the Hex color 9B5735 looks on a white background.

Color Contrast Check

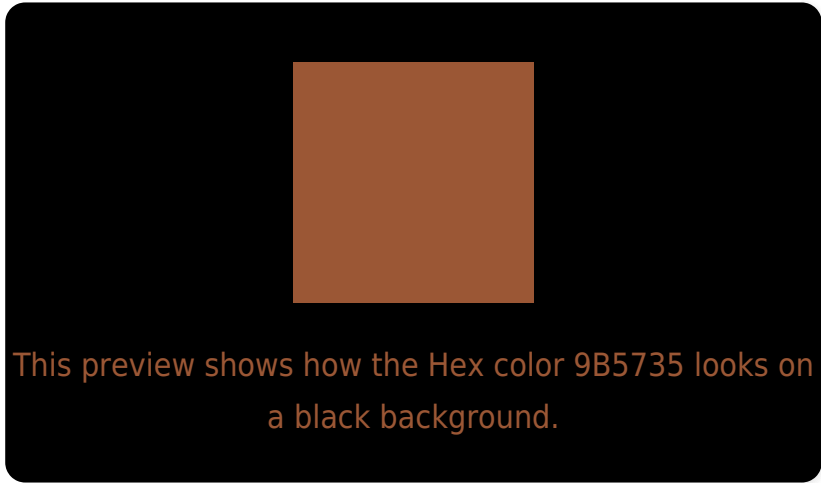
Large Text (above 18pt) WCAG AA ✓ Pass

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

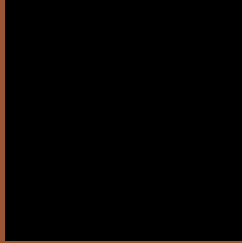
Any Text WCAG AA × Fail

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 9B5735 Background



This preview shows how black text looks on a background with the Hex color 9B5735.



This preview shows how white text looks on a background with the Hex color 9B5735.

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

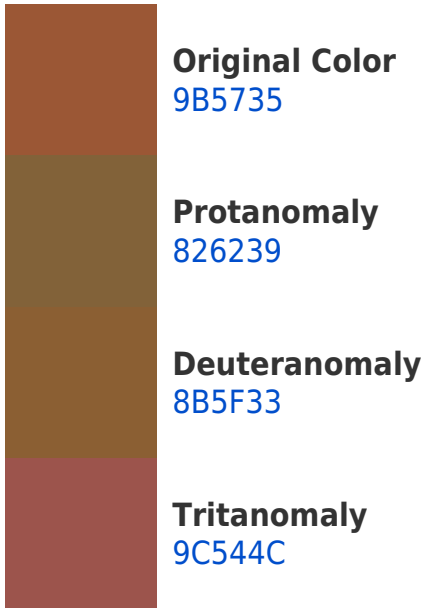


Original Color
9B5735

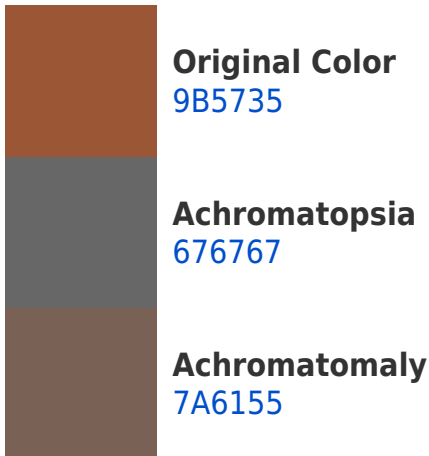
Protanopia
74693B

Deuteranopia
826432

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B5735 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 #9B5735 looks like.

```
.text, #text, p{  
    color:#9B5735  
}
```

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 #9B5735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5735
}
```

Border

The CSS property to change the border of an element to Hex 9B5735 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
#9B5735 }
```

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

```
.border{ border-color:#9B5735 }
```

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

Here you see how a box with a 4 pixel #9B5735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5735; -webkit-box-shadow:4px 4px  
4px 4px #9B5735; box-shadow:4px 4px 4px  
4px #9B5735 }
```

Background

The CSS property to change the background color of an element to Hex 9B5735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5735 }
```

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

```
.background{ background-color:#9B5735 }
```

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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