

Converting Colors

Hex(9B6348)

Have a look what the booklet for
Hex(9B6348) contains.

Hex(9B6348)	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(9B6348)

Conversions

Conversions Part 1

Format	Color
Hex	9B6348
RGB	155, 99, 72
RGB Percent	61%, 39%, 28%
CMY	0.3922, 0.6118, 0.7176
CMYK	0.00, 0.36, 0.54, 0.39
HSL	20°, 37%, 45%
HSV	20°, 54%, 61%
XYZ	19.1491, 16.3601, 8.2794
YIQ	112.6660, 42.0430, 3.4750

Conversions

Conversions Part 2

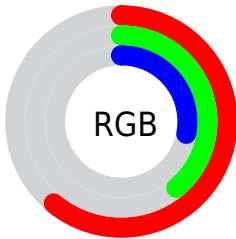
Format	Color
R_{YB}	155, 112, 72
Decimal	10183496
CIE Lab	47.44, 19.65, 24.65
CIE LCh	47, 31.529, 51.440
Yxy	16.3601, 0.4373, 0.3736
Android (android.graphics.Color)	4288373576 (0xFF9B6348)
YUV	112.6660, -20.0483, 37.1269
Hunter-Lab	40.4476, 13.7238, 16.1770

Details

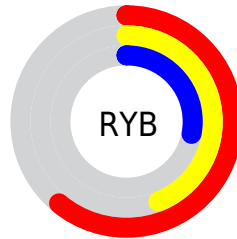
The Hex color **9B6348** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **48809B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D49679**, and **65341C** is the 20% darker color. If you saturate the color by 10%, you get **9B5939**, and if you desaturate by 10%, it is **9B6D58**.

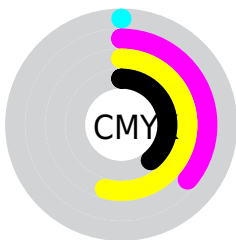
Distribution



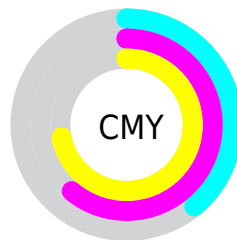
- Red (61%)
- Green (39%)
- Blue (28%)



- Red (61%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (36%)
- Yellow (54%)
- Black (39%)



- Cyan (39%)
- Magenta (61%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B6348 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 9B6348 by changing the saturation by 10% instead.

 9B6348

 9B6348

FFFFFF

 7F4B31

 D49679

 65341C

 F1B193

 4B1E03

 FFCDAD

 310800

 FFE9C9

 140000

 FFFF E5

 000000

 9B6348

 9B6348

 9B5939

 9B6D58

 9B4E29

 9B7867

 9B441A

 9B8277

 9B390A

 9B8D86

 9B3200

 9B9796

 9BA2A5

 9BACB4

 9BB7C4

 9BC1D4

Harmonies

Analogous

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



A45C5F



9B6348



886C3C

Triad

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



9B6348



287E68



686DA2

Complementary

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



9B6348



48809B

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.



3776A5



9B6348



007E83

Square

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



9B6348



4F7B4E



007C99



8A6392

Rectangle

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



9B6348



77723B



007C99



5970A4

Sweetspot

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



9B6348



C9B4A9



9B4881



665953



E6E6E6



666666

Same Dimension

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



9B6348



C97249



9B8C48



4D4745



8C2E00



0D0400

Inverse Universe

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



48809B



49A0C9



48579B



454A4D



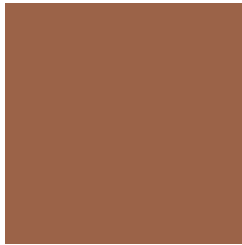
005F8C



00090D

Previews

White Background



This preview shows how the Hex color 9B6348 looks on a white background.

Color Contrast Check

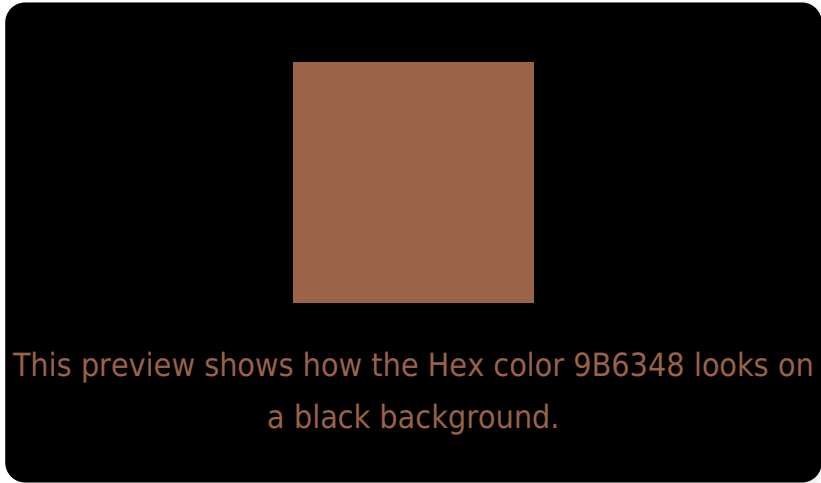
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B6348 Background



This preview shows how black text looks on a background with the Hex color 9B6348.



This preview shows how white text looks on a background with the Hex color 9B6348.

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
9B6348

Protanopia
7A714E

Deuteranopia
896C46



Tritanopia
9D5F66

Trichromacy



Original Color
9B6348

Protanomaly
866C4C

Deuteranomaly
906947

Tritanomaly
9C605B

Monochromacy



Original Color
9B6348

Achromatopsia
717171

Achromatomaly
806C62

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B6348 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 #9B6348 looks like.

```
.text, #text, p{  
    color:#9B6348  
}
```

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 #9B6348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B6348  
}
```

Border

The CSS property to change the border of an element to Hex 9B6348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

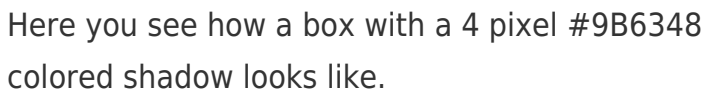
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9B6348 }
```

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

```
.border{ border-color:#9B6348 }
```

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



Here you see how a box with a 4 pixel #9B6348 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B6348; -webkit-box-shadow:4px 4px  
4px 4px #9B6348; box-shadow:4px 4px 4px  
4px #9B6348 }
```

Background

The CSS property to change the background color of an element to Hex 9B6348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B6348 }
```

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

```
.background{ background-color:#9B6348 }
```

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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