

Converting Colors

Hex(9B6851)

Have a look what the booklet for
Hex(9B6851) contains.

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Color

Hex(9B6851)

Conversions

Conversions Part 1

Format	Color
Hex	9B6851
RGB	155, 104, 81
RGB Percent	61%, 41%, 32%
CMY	0.3922, 0.5922, 0.6824
CMYK	0.00, 0.33, 0.48, 0.39
HSL	19°, 31%, 46%
HSV	19°, 48%, 61%
XYZ	19.9531, 17.4633, 10.1037
YIQ	116.6270, 37.7790, 3.6590

Conversions

Conversions Part 2

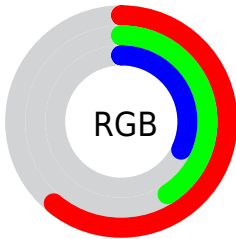
Format	Color
RYB	155, 114, 81
Decimal	10184785
CIELab	48.84, 17.69, 21.24
CIELCh	49, 27.643, 50.223
Yxy	17.4633, 0.4199, 0.3675
Android (android.graphics.Color)	4288374865 (0xFF9B6851)
YUV	116.6270, -17.5641, 33.6531
Hunter-Lab	41.7891, 12.0977, 14.9173

Details

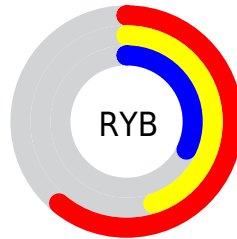
The Hex color **9B6851** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **51849B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D39B83**, and **653824** is the 20% darker color. If you saturate the color by 10%, you get **9B5D42**, and if you desaturate by 10%, it is **9B7360**.

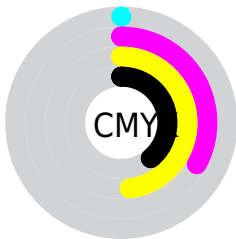
Distribution



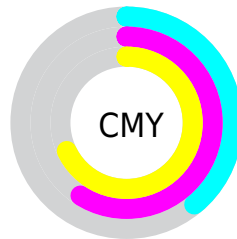
- Red (61%)
- Green (41%)
- Blue (32%)



- Red (61%)
- Yellow (45%)
- Blue (32%)



- Cyan (0%)
- Magenta (33%)
- Yellow (48%)
- Black (39%)



- Cyan (39%)
- Magenta (59%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9B6851 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 9B6851 by changing the saturation by 10% instead.

 9B6851

 9B6851

FFFFFF

 80503A

 D39B83

 653824

 F1B69D

 4B220F

 FFD2B8

 330D00

 FFEED3

 1A0001

 FFFFF0

 000000

 9B6851

 9B6851

 9B5D42

 9B7360

 9B5332

 9B7D70

 9B4822

 9B887F

 9B3D13

 9B938F

 9B3303

 9B9D9E

 9B3000

 9BA8AE

 9BB3BE

 9BBDCD

 9BC8DC

Harmonies

Analogous

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



A26365



9B6851



8A7046

Triad

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



9B6851



3B806B



6C71A0

Complementary

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



9B6851



51849B

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.



4679A2



9B6851



1C8083

Square

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



9B6851



597D55



1F7E97



8A6892

Rectangle

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



9B6851



7C7545



1F7E97



6074A2

Sweetspot

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



9B6851



C9B6AD



9B5185



665A55



E6E6E6



666666

Same Dimension

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



9B6851



C97A57



9B8C51



4D4745



8C2C00



0D0400

Inverse Universe

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



51849B



57A6C9



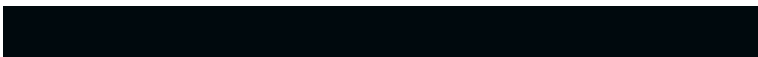
51609B



454A4D



00618C



00090D

Previews

White Background



This preview shows how the Hex color 9B6851 looks on a white background.

Color Contrast Check

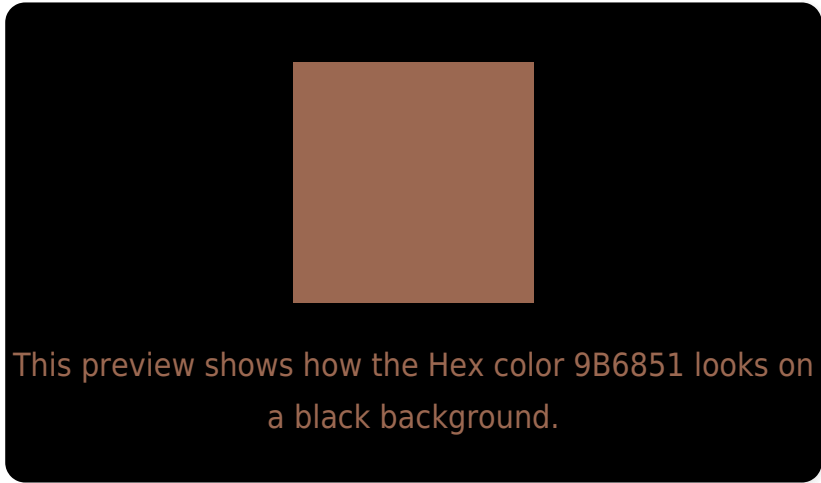
Large Text (above 18pt) WCAG AA ✓ Pass

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

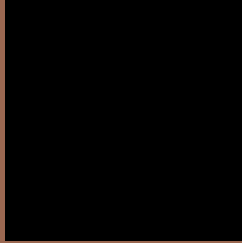
Any Text WCAG AA × Fail

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 9B6851 Background



This preview shows how black text looks on a background with the Hex color 9B6851.



This preview shows how white text looks on a background with the Hex color 9B6851.

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
9B6851

Protanopia
7D7456

Deuteranopia
8B6F50



Tritanopia
9D646C

Trichromacy



Original Color
9B6851

Protanomaly
887054

Deuteranomaly
916C50

Tritanomaly
9C6562

Monochromacy



Original Color
9B6851

Achromatopsia
757575

Achromatomaly
837068

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B6851 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 #9B6851 looks like.

```
.text, #text, p{  
    color:#9B6851  
}
```

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 #9B6851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B6851
}
```

Border

The CSS property to change the border of an element to Hex 9B6851 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
#9B6851 }
```

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

```
.border{ border-color:#9B6851 }
```

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

Here you see how a box with a 4 pixel #9B6851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B6851; -webkit-box-shadow:4px 4px  
4px 4px #9B6851; box-shadow:4px 4px 4px  
4px #9B6851 }
```

Background

The CSS property to change the background color of an element to Hex 9B6851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B6851 }
```

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

```
.background{ background-color:#9B6851 }
```

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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