

# Converting Colors

Hex(9B8D52)

Have a look what the booklet for  
Hex(9B8D52) contains.

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**Color**

**Hex(9B8D52)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B8D52
RGB	155, 141, 82
RGB Percent	61%, 55%, 32%
CMY	0.3922, 0.4471, 0.6784
CMYK	0.00, 0.09, 0.47, 0.39
HSL	48°, 31%, 46%
HSV	48°, 47%, 61%
XYZ	24.5654, 26.6275, 11.8275
YIQ	138.4600, 27.2830, -15.3810

# Conversions

## Conversions Part 2

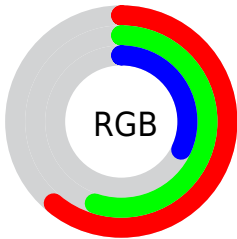
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 155, 82
Decimal	10194258
CIE <sub>Lab</sub>	58.63, -3.18, 33.24
CIE <sub>LCh</sub>	59, 33.393, 95.465
Yxy	26.6275, 0.3898, 0.4225
Android (android.graphics.Color)	4288384338 (0xFF9B8D52)
YUV	138.4600, -27.8348, 14.5056
Hunter-Lab	51.6019, -5.3270, 22.5316

# Details

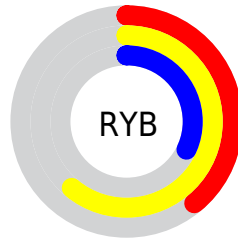
The Hex color **9B8D52** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **52609B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **D3C285**, and **665B23** is the 20% darker color. If you saturate the color by 10%, you get **9B8A43**, and if you desaturate by 10%, it is **9B9062**.

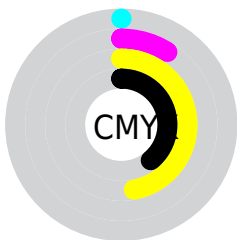
# Distribution



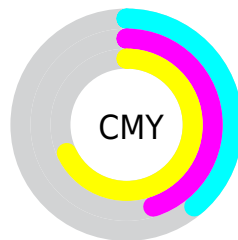
- Red (61%)
- Green (55%)
- Blue (32%)



- Red (39%)
- Yellow (61%)
- Blue (32%)



- Cyan (0%)
- Magenta (9%)
- Yellow (47%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B8D52 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 9B8D52 by changing the saturation by 10% instead.





9B8D52



9B8D52

FFFFFF



80743A



D3C285



665B23



F0DE9F



4D440B



FFFBBA



352E00



FFFFD6



1D1900



FFFFFF3



000000



9B8D52



9B8D52



9B8A43



9B9062



9B8733



9B9371

 9B8423

 9B9681

 9B8114

 9B9990

 9B7E05

 9B9CA0

 9B7D00

 9B9FAF

 9BA2BE

 9BA5CE

 9BA8DE

# Harmonies

## Analogous

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



B48358



9B8D52



7C955C

# Triad

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



9B8D52



009BAE



B67AA6

# Complementary

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



9B8D52



52609B

# 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.



9783BD



9B8D52



3697C2

# Square

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



9B8D52



2D9D92



6B8EC7



C57689

# Rectangle

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



9B8D52



64996B



6B8EC7



AE7DAF



# Sweetspot

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



9B8D52



C9C4AD



9B5261



666355



E6E6E6



666666



# Same Dimension

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



9B8D52



C9B357



859B52



4D4B45



8C7100



0D0A00



# Inverse Universe

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



52609B



576DC9



68529B



45464D



001B8C



00020D



# Previews

## White Background



This preview shows how the Hex color 9B8D52 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

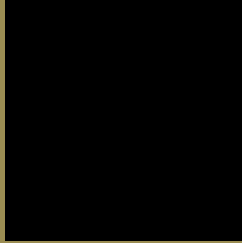
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9B8D52 Background



This preview shows how black text looks on a background with the Hex color 9B8D52.



This preview shows how white text looks on a background with the Hex color 9B8D52.

# 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**

9B8D52

**Protanopia**

9B8D52

**Deuteranopia**

AB8753



**Tritanopia**  
A18690

# Trichromacy



**Original Color**  
9B8D52

**Protanomaly**  
9B8D52

**Deuteranomaly**  
A58953

**Tritanomaly**  
9F8979

# Monochromacy



**Original Color**  
9B8D52

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
908B76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B8D52 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 #9B8D52 looks like.

```
.text, #text, p{  
    color:#9B8D52  
}
```

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 #9B8D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8D52
}
```

## Border

The CSS property to change the border of an element to Hex 9B8D52 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
#9B8D52 }
```

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

```
.border{ border-color:#9B8D52 }
```

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

Here you see how a box with a 4 pixel #9B8D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8D52; -webkit-box-shadow:4px 4px  
4px 4px #9B8D52; box-shadow:4px 4px 4px  
4px #9B8D52 }
```

# Background

The CSS property to change the background color of an element to Hex 9B8D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8D52 }
```

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

```
.background{ background-color:#9B8D52 }
```

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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