

# Converting Colors

Hex(9B853C)

Have a look what the booklet for  
Hex(9B853C) contains.

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**Color**

**Hex(9B853C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B853C
RGB	155, 133, 60
RGB Percent	61%, 52%, 24%
CMY	0.3922, 0.4784, 0.7647
CMYK	0.00, 0.14, 0.61, 0.39
HSL	46°, 44%, 42%
HSV	46°, 61%, 61%
XYZ	22.7207, 24.0699, 7.7234
YIQ	131.2560, 36.5450, -18.0390

# Conversions

## Conversions Part 2

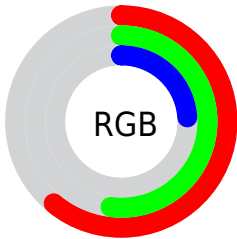
Format	Color
<b>RYB</b>	89, 155, 60
Decimal	10192188
CIELab	56.16, -0.71, 41.62
CIELCh	56, 41.626, 90.981
Yxy	24.0699, 0.4168, 0.4415
Android (android.graphics.Color)	4288382268 (0xFF9B853C)
YUV	131.2560, -35.1292, 20.8235
Hunter-Lab	49.0610, -3.1915, 25.0090

# Details

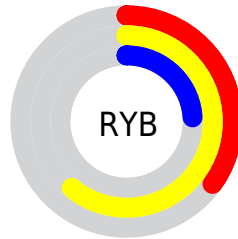
The Hex color **9B853C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3C529B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D4BA6E**, and **655408** is the 20% darker color. If you saturate the color by 10%, you get **9B812D**, and if you desaturate by 10%, it is **9B894B**.

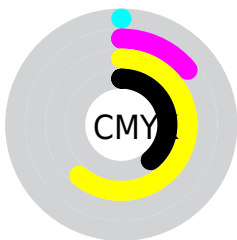
# Distribution



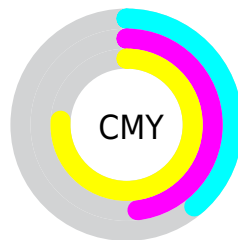
- Red (61%)
- Green (52%)
- Blue (24%)



- Red (35%)
- Yellow (61%)
- Blue (24%)



- Cyan (0%)
- Magenta (14%)
- Yellow (61%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B853C 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 9B853C by changing the saturation by 10% instead.



 9B853C

 9B853C

FFFFFF

 806C23

 D4BA6E

 655408

 F1D688

 4B3D00

 FFF2A3

 322700

 FFFFBE

 191300

 FFFFDB

 000000

 FFFFF7

 9B853C

 9B853C

 9B812D

 9B894B

 9B7E1D

 9B8C5B

 9B7A0E

 9B906A

 9B7700

 9B937A

 9B978A

 9B9B99

 9B9EA9

 9BA2B8

 9BA5C8

# Harmonies

## Analogous

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



B87848



9B853C



768F46

# Triad

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



9B853C



0098AB



B46FAA

# Complementary

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



9B853C



3C529B

# 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.



8B7DC5



9B853C



0093C5

# Square

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



9B853C



009987



498ACF



C96887

# Rectangle

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



9B853C



599457



498ACF



A973B5



# Sweetspot

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



9B853C



C9C1A5



9B3C52



666150



E6E6E6



666666



# Same Dimension

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



9B853C



C9A734



829B3C



4D4B45



8C6C00



0D0A00



# Inverse Universe

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



3C529B



3457C9



553C9B



45474D



00208C



00030D



# Previews

## White Background



This preview shows how the Hex color 9B853C looks on a white background.

## Color Contrast Check

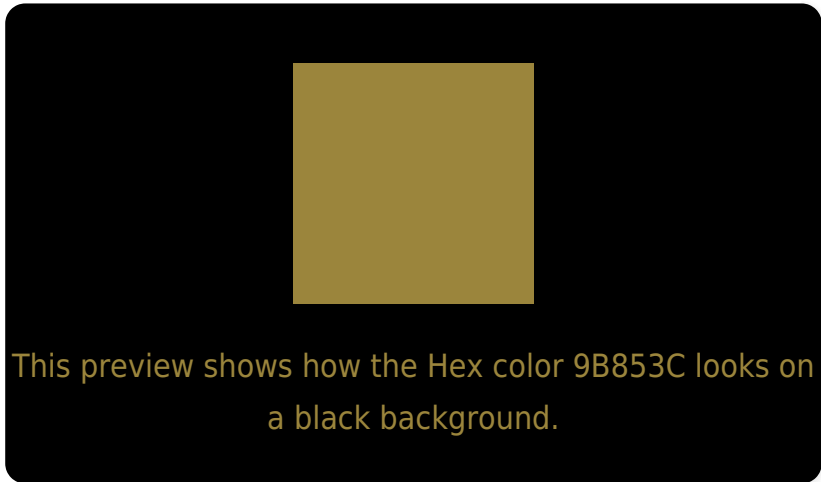
Large Text (above 18pt) WCAG AA ✓ Pass

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

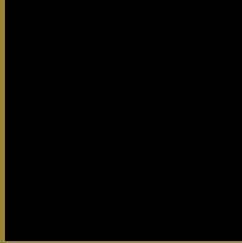
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B853C Background



This preview shows how black text looks on a background with the Hex color 9B853C.



This preview shows how white text looks on a background with the Hex color 9B853C.

# 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**  
9B853C

**Protanopia**  
96873D

**Deuteranopia**  
A7803D

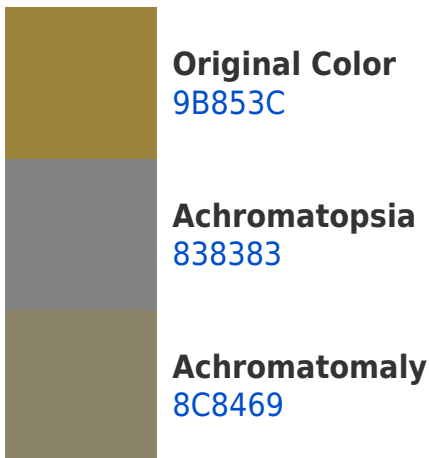


**Tritanopia**  
A17D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B853C 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 #9B853C looks like.

```
.text, #text, p{  
    color:#9B853C  
}
```

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 #9B853C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B853C
}
```

## Border

The CSS property to change the border of an element to Hex 9B853C 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
#9B853C }
```

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

```
.border{ border-color:#9B853C }
```

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

Here you see how a box with a 4 pixel #9B853C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B853C; -webkit-box-shadow:4px 4px  
4px 4px #9B853C; box-shadow:4px 4px 4px  
4px #9B853C }
```

# Background

The CSS property to change the background color of an element to Hex 9B853C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B853C }
```

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

```
.background{ background-color:#9B853C }
```

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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