

# Converting Colors

Hex(9B855B)

Have a look what the booklet for  
Hex(9B855B) contains.

<b>Hex(9B855B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9B855B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B855B
RGB	155, 133, 91
RGB Percent	61%, 52%, 36%
CMY	0.3922, 0.4784, 0.6431
CMYK	0.00, 0.14, 0.41, 0.39
HSL	39°, 26%, 48%
HSV	39°, 41%, 61%
XYZ	23.7934, 24.4990, 13.3723
YIQ	134.7900, 26.5940, -8.3980

# Conversions

## Conversions Part 2

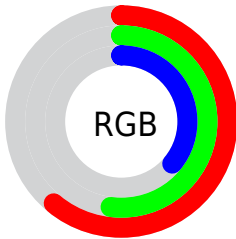
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 155, 91
Decimal	10192219
CIELab	56.58, 2.26, 25.73
CIELCh	57, 25.830, 84.984
Yxy	24.4990, 0.3859, 0.3973
Android (android.graphics.Color)	4288382299 (0xFF9B855B)
YUV	134.7900, -21.5885, 17.7242
Hunter-Lab	49.4964, -0.8120, 18.6293

# Details

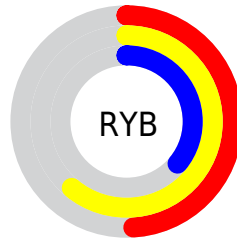
The Hex color **9B855B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5B719B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D3BA8E**, and **66542C** is the 20% darker color. If you saturate the color by 10%, you get **9B804C**, and if you desaturate by 10%, it is **9B8A6B**.

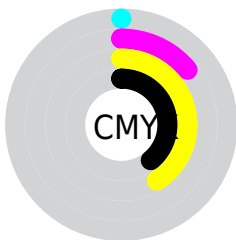
# Distribution



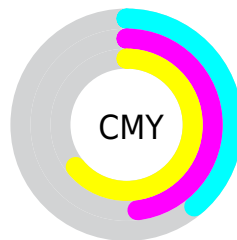
- Red (61%)
- Green (52%)
- Blue (36%)



- Red (49%)
- Yellow (61%)
- Blue (36%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B855B 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 9B855B by changing the saturation by 10% instead.





9B855B



9B855B

FFFFFF



806C43



D3BA8E



66542C



EFD6A8



4D3D16



FFF2C4



362700



FFFFE0



1E1300



FFFFFC



000000



9B855B



9B855B



9B804C



9B8A6B



9B7A3C



9B907A

 9B752D

 9B958A

 9B701D

 9B9A99

 9B6A0E

 9BA0A9

 9B6600

 9BA5B8

 9BAAC8

 9BB0D7

 9BB5E7

# Harmonies

## Analogous

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



AC7D64



9B855B



848C5E

# Triad

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



9B855B



3F949A



A17CA2

# Complementary

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



9B855B



5B719B

# 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.



8683B0



9B855B



4791AC

# Square

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



9B855B



509483



648BB4



B1778C

# Rectangle

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



9B855B



739067



648BB4



997EA8



# Sweetspot

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



9B855B



C9C1B1



9B5B71



666158



E6E6E6



666666



# Same Dimension

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



9B855B



C9A765



919B5B



4D4A45



8C5C00



0D0800



# Inverse Universe

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



5B719B



6587C9



655B9B



45474D



00308C



00040D



# Previews

## White Background



This preview shows how the Hex color 9B855B looks on a white background.

## Color Contrast Check

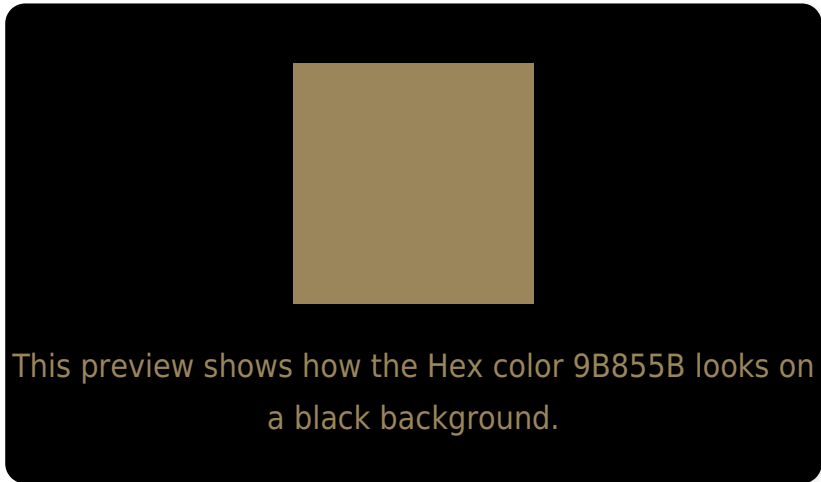
Large Text (above 18pt) WCAG AA ✓ Pass

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

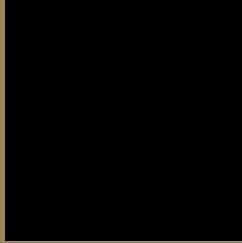
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B855B Background



This preview shows how black text looks on a background with the Hex color 9B855B.



This preview shows how white text looks on a background with the Hex color 9B855B.

# 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**  
9B855B

**Protanopia**  
93885C

**Deuteranopia**  
A3825C



**Tritanopia**  
A07F89

# Trichromacy



**Original Color**  
9B855B

**Protanomaly**  
96875C

**Deuteranomaly**  
A0835C

**Tritanomaly**  
9E8178

# Monochromacy



**Original Color**  
9B855B

**Achromatopsia**  
878787

**Achromatomaly**  
8E8677

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B855B 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 #9B855B looks like.

```
.text, #text, p{  
    color:#9B855B  
}
```

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 #9B855B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B855B
}
```

## Border

The CSS property to change the border of an element to Hex 9B855B 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
#9B855B }
```

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

```
.border{ border-color:#9B855B }
```

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

Here you see how a box with a 4 pixel #9B855B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B855B; -webkit-box-shadow:4px 4px  
4px 4px #9B855B; box-shadow:4px 4px 4px  
4px #9B855B }
```

# Background

The CSS property to change the background color of an element to Hex 9B855B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B855B }
```

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

```
.background{ background-color:#9B855B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor