

# Converting Colors

Hex(99B16B)

Have a look what the booklet for  
Hex(99B16B) contains.

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**Color**

**Hex(99B16B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99B16B
RGB	153, 177, 107
RGB Percent	60%, 69%, 42%
CMY	0.4000, 0.3059, 0.5804
CMYK	0.14, 0.00, 0.40, 0.31
HSL	81°, 31%, 56%
HSV	81°, 40%, 69%
XYZ	31.5129, 39.2781, 19.8305
YIQ	161.8440, 8.1660, -26.8580

# Conversions

## Conversions Part 2

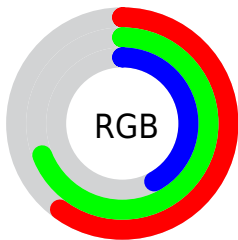
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 177, 131
Decimal	10072427
CIELab	68.95, -20.11, 33.10
CIELCh	69, 38.733, 121.282
Yxy	39.2781, 0.3477, 0.4334
Android (android.graphics.Color)	4288262507 (0xFF99B16B)
YUV	161.8440, -27.0381, -7.7562
Hunter-Lab	62.6723, -19.9231, 25.1103

# Details

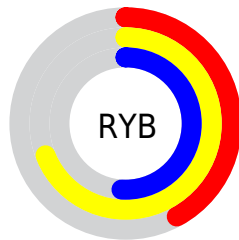
The Hex color **99B16B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **836BB1**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D0E99F**, and **657C3A** is the 20% darker color. If you saturate the color by 10%, you get **93B159**, and if you desaturate by 10%, it is **9FB17D**.

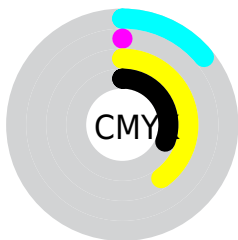
# Distribution



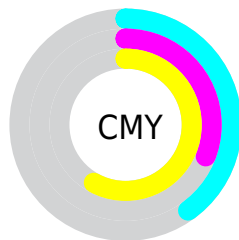
- Red (60%)
- Green (69%)
- Blue (42%)



- Red (42%)
- Yellow (69%)
- Blue (51%)



- Cyan (14%)
- Magenta (0%)
- Yellow (40%)
- Black (31%)



- Cyan (40%)
- Magenta (31%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99B16B 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 99B16B by changing the saturation by 10% instead.



 99B16B

 99B16B

FFFFFF

 7E9652

 D0E99F

 657C3A


 EDFFBB

 4C6322

 FFFFD7

 334B0A

 FFFFF3

 1E3400

 002000

 000000

 99B16B

 99B16B

 93B159

 9FB17D

 8DB148

 A5B18E

 87B136

 ABB1A0

 81B124

 B1B1B2

 7BB112

 B7B1C4

 75B101

 BDB1D5

 74B100

 C3B1E7

 CAB1F9

 D0B1FF

# Harmonies

## Analogous

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



BEA761



99B16B



6FB885

# Triad

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



99B16B



32B5E5



EA8DA8

# Complementary

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



99B16B



836BB1

# 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.



D693CB



99B16B



77ABEE

# Square

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



99B16B



00BACC



AE9FE4



EB9086

# Rectangle

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



99B16B



4EBA9C



AE9FE4



E58EB4



# Sweetspot

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



99B16B



DCE6CA



B1826B



6D7363



F2F2F2



737373



# Same Dimension

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



99B16B



C1E67A



77B16B



565950



659900



111A00



# Inverse Universe

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



836BB1



9F7AE6



A56BB1



535059



340099



09001A



# Previews

## White Background



This preview shows how the Hex color 99B16B looks on a white background.

## Color Contrast Check

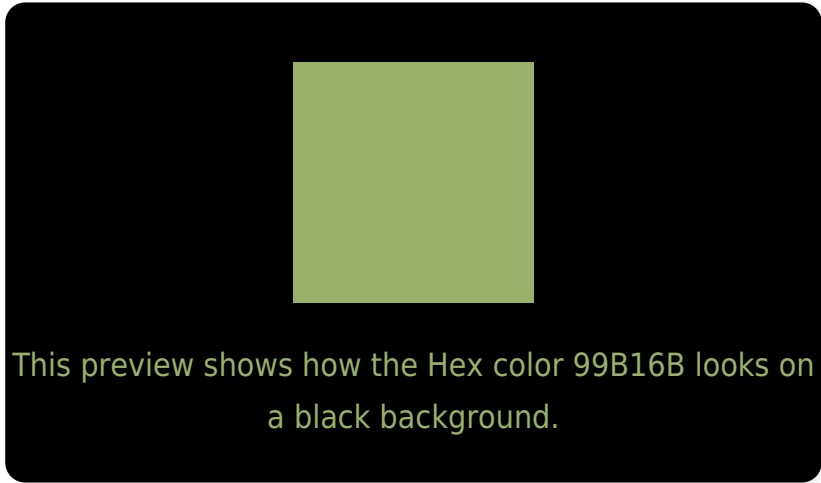
Large Text (above 18pt) WCAG AA × Fail

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

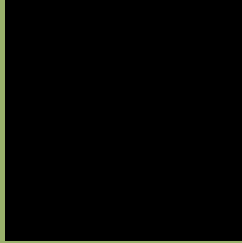
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99B16B Background



This preview shows how black text looks on a background with the Hex color 99B16B.

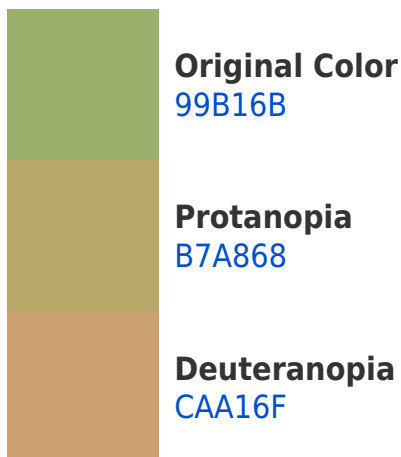


This preview shows how white text looks on a background with the Hex color 99B16B.

# 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





**Tritanopia**  
A3A8B5

# Trichromacy



**Original Color**  
99B16B

**Protanomaly**  
ACAB69

**Deuteranomaly**  
B8A76E

**Tritanomaly**  
9FAB9A

# Monochromacy



**Original Color**  
99B16B

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
9FA78E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99B16B 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 #99B16B looks like.

```
.text, #text, p{  
    color:#99B16B  
}
```

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 #99B16B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B16B
}
```

## Border

The CSS property to change the border of an element to Hex 99B16B 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
#99B16B }
```

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

```
.border{ border-color:#99B16B }
```

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

Here you see how a box with a 4 pixel #99B16B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B16B; -webkit-box-shadow:4px 4px  
4px 4px #99B16B; box-shadow:4px 4px 4px  
4px #99B16B }
```

# Background

The CSS property to change the background color of an element to Hex 99B16B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B16B }
```

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

```
.background{ background-color:#99B16B }
```

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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