

# Converting Colors

Hex(99B36C)

Have a look what the booklet for  
Hex(99B36C) contains.

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**Color**

**Hex(99B36C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99B36C
RGB	153, 179, 108
RGB Percent	60%, 70%, 42%
CMY	0.4000, 0.2980, 0.5765
CMYK	0.15, 0.00, 0.40, 0.30
HSL	82°, 32%, 56%
HSV	82°, 40%, 70%
XYZ	31.9637, 40.0952, 20.2418
YIQ	163.1320, 7.2950, -27.5930

# Conversions

## Conversions Part 2

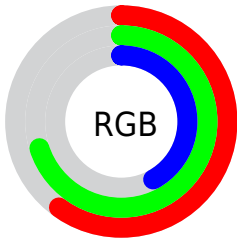
Format	Color
<a href="#">RYB</a>	<a href="#">108, 179, 134</a>
Decimal	<a href="#">10072940</a>
CIELab	<a href="#">69.54, -20.99, 33.33</a>
CIELCh	<a href="#">70, 39.391, 122.201</a>
Yxy	<a href="#">40.0952, 0.3463, 0.4344</a>
Android (android.graphics.Color)	<a href="#">4288263020</a> ( <a href="#">0xFF99B36C</a> )
YUV	<a href="#">163.1320, -27.1801, -8.8858</a>
Hunter-Lab	<a href="#">63.3208, -20.7062, 25.3712</a>

# Details

The Hex color **99B36C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **866CB3**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D0EBA0**, and **657E3B** is the 20% darker color. If you saturate the color by 10%, you get **92B35A**, and if you desaturate by 10%, it is **A0B37E**.

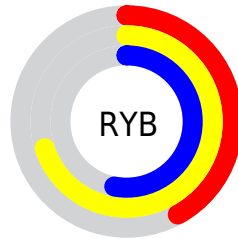
# Distribution



Red (60%)

Green (70%)

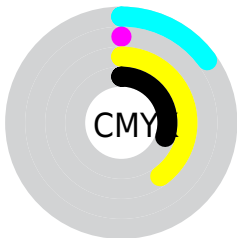
Blue (42%)



Red (42%)

Yellow (70%)

Blue (53%)

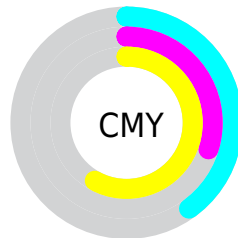


Cyan (15%)

Magenta (0%)

Yellow (40%)

Black (30%)



Cyan (40%)

Magenta (30%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99B36C 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 99B36C by changing the saturation by 10% instead.



 99B36C

 99B36C

FFFFFF

 7E9853

 D0EBA0

 657E3B

 EDFFBC

 4C6523

 FFFFD8

 334D0B

 FFFFF4

 1D3600

 002100

 000000

 99B36C

 99B36C

 92B35A

 A0B37E

 8CB348

 A6B390

 85B336

 ADB3A2

 7FB324

 B3B3B4

 78B312

 BAB3C5

 72B301

 C0B3D7

 71B300

 C7B3E9

 CDB3FB

 D4B3FF

# Harmonies

## Analogous

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



BEA962



99B36C



6EBA87

# Triad

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



99B36C



32B6E8



ED8EA9

# Complementary

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



99B36C



866CB3

# 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.



D993CC



99B36C



79ACF1

# Square

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



99B36C



00BCCF



B1A0E6



ED9186

# Rectangle

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



99B36C



4CBC9F



B1A0E6



E98FB5



# Sweetspot

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



99B36C



DEE8CC



B3856C



6F7565



F5F5F5



757575



# Same Dimension

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



99B36C



BFE879



77B36C



565950



619900



101A00



# Inverse Universe

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



866CB3



A179E8



A86CB3



545059



380099



09001A



# Previews

## White Background



This preview shows how the Hex color 99B36C looks on a white background.

## Color Contrast Check

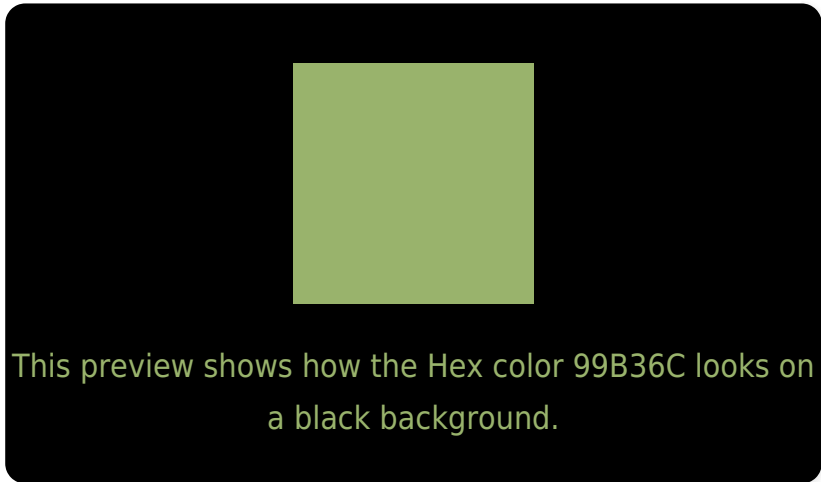
Large Text (above 18pt) WCAG AA × Fail

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 99B36C Background



This preview shows how black text looks on a background with the Hex color 99B36C.

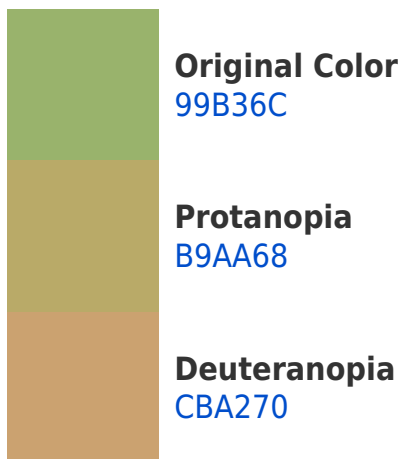


This preview shows how white text looks on a background with the Hex color 99B36C.

# 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](#).

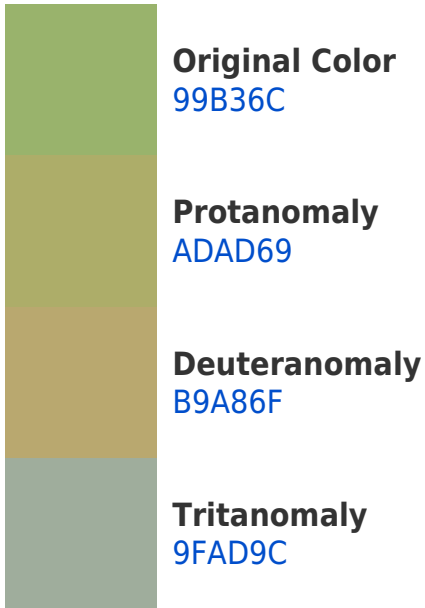
## Dichromacy



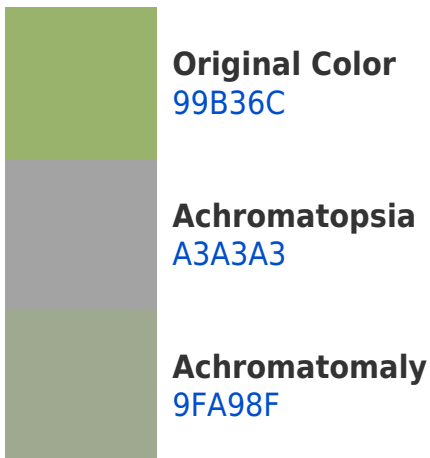


**Tritanopia**  
A3AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99B36C 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 #99B36C looks like.

```
.text, #text, p{  
    color:#99B36C  
}
```

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 #99B36C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B36C
}
```

## Border

The CSS property to change the border of an element to Hex 99B36C 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
#99B36C }
```

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

```
.border{ border-color:#99B36C }
```

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

Here you see how a box with a 4 pixel #99B36C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B36C; -webkit-box-shadow:4px 4px  
4px 4px #99B36C; box-shadow:4px 4px 4px  
4px #99B36C }
```

# Background

The CSS property to change the background color of an element to Hex 99B36C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B36C }
```

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

```
.background{ background-color:#99B36C }
```

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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