

# Converting Colors

Hex(B39D69)

Have a look what the booklet for  
Hex(B39D69) contains.

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# **Color**

**Hex(B39D69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B39D69
RGB	179, 157, 105
RGB Percent	70%, 62%, 41%
CMY	0.2980, 0.3843, 0.5882
CMYK	0.00, 0.12, 0.41, 0.30
HSL	42°, 33%, 56%
HSV	42°, 41%, 70%
XYZ	33.1972, 34.7176, 18.3161
YIQ	157.6500, 29.8040, -11.5080

# Conversions

## Conversions Part 2

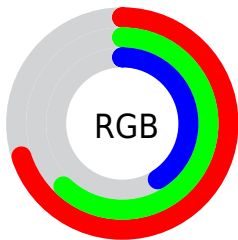
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 179, 105
Decimal	11771241
CIELab	65.53, 0.71, 30.16
CIELCh	66, 30.169, 88.660
Yxy	34.7176, 0.3850, 0.4026
Android (android.graphics.Color)	4289961321 (0xFFB39D69)
YUV	157.6500, -25.9565, 18.7239
Hunter-Lab	58.9216, -2.5437, 22.8145

# Details

The Hex color **B39D69** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **697FB3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ECD39D**, and **7D6A39** is the 20% darker color. If you saturate the color by 10%, you get **B39857**, and if you desaturate by 10%, it is **B3A27B**.

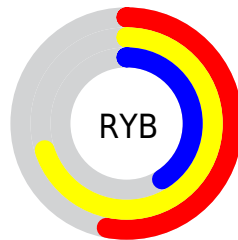
# Distribution



Red (70%)

Green (62%)

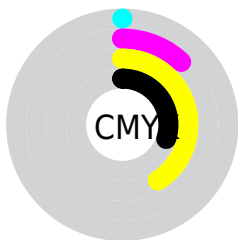
Blue (41%)



Red (53%)

Yellow (70%)

Blue (41%)

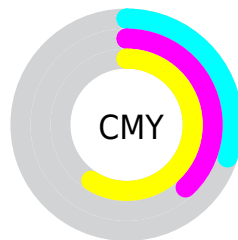


Cyan (0%)

Magenta (12%)

Yellow (41%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B39D69 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 B39D69 by changing the saturation by 10% instead.





B39D69



B39D69

FFFFFF



988350



ECD39D



7D6A39



FFF0B8



635222



FFFFD4



4A3B0B



FFFFF0



322500



191100



000000



B39D69



B39D69



B39857



B3A27B

 B39245

 B3A88D

 B38D33

 B3AD9F

 B38821

 B3B2B1

 B3820F

 B3B8C3

 B37E00

 B3BDD4

 B3C2E6

 B3C8F8

 B3CDFF

# Harmonies

## Analogous

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



C99472



B39D69



97A56F

# Triad

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



B39D69



45ADB8



C090BC

# Complementary

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



B39D69



697FB3

# 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.



A199CE



B39D69



53A9CD

# Square

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



B39D69



58AE9D



79A2D5



D28BA1

# Rectangle

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



B39D69



82A97B



79A2D5



B792C3



# Sweetspot

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



B39D69



E8E0CC



B3697F



757065



F5F5F5



757575



# Same Dimension

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



B39D69



E8C674



A4B369



595750



996C00



1A1200



# Inverse Universe

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



697FB3



7497E8



7869B3



505359



002D99

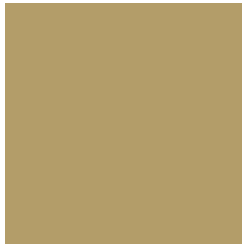


00081A



# Previews

## White Background



This preview shows how the Hex color B39D69 looks on a white background.

## Color Contrast Check

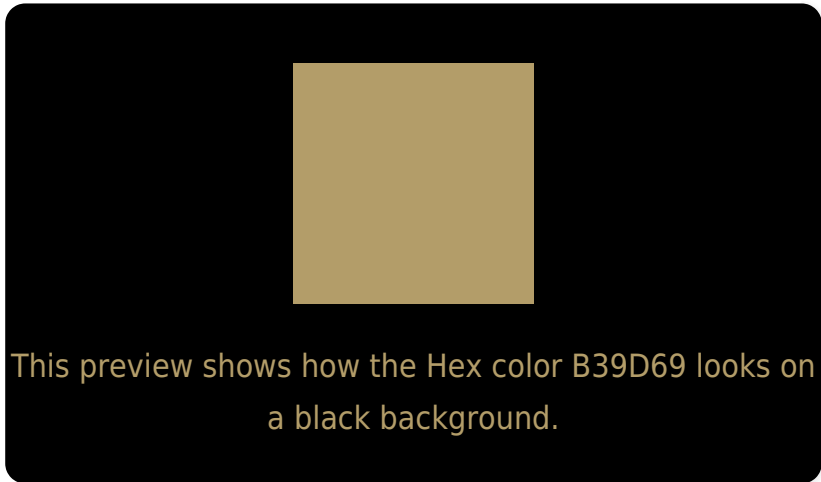
Large Text (above 18pt) WCAG AA × Fail

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 B39D69 Background



This preview shows how black text looks on a background with the Hex color B39D69.



This preview shows how white text looks on a background with the Hex color B39D69.

# 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**  
B39D69

**Protanopia**  
AD9F6A

**Deuteranopia**  
BF986A

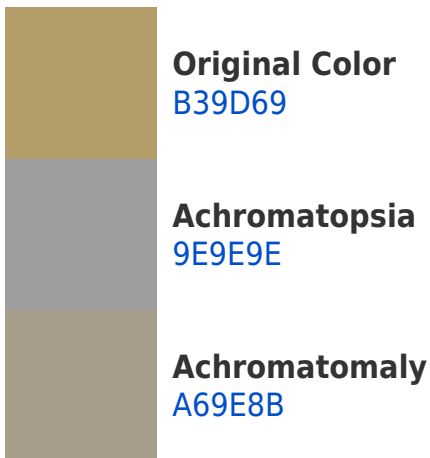


**Tritanopia**  
B996A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B39D69 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 #B39D69 looks like.

```
.text, #text, p{  
    color:#B39D69  
}
```

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 #B39D69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B39D69
}
```

## Border

The CSS property to change the border of an element to Hex B39D69 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
#B39D69 }
```

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

```
.border{ border-color:#B39D69 }
```

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

Here you see how a box with a 4 pixel #B39D69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B39D69; -webkit-box-shadow:4px 4px  
4px 4px #B39D69; box-shadow:4px 4px 4px  
4px #B39D69 }
```

# Background

The CSS property to change the background color of an element to Hex B39D69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B39D69 }
```

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

```
.background{ background-color:#B39D69 }
```

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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