

# Converting Colors

Hex(B3C49A)

Have a look what the booklet for  
Hex(B3C49A) contains.

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# **Color**

**Hex(B3C49A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3C49A
RGB	179, 196, 154
RGB Percent	70%, 77%, 60%
CMY	0.2980, 0.2314, 0.3961
CMYK	0.09, 0.00, 0.21, 0.23
HSL	84°, 26%, 69%
HSV	84°, 21%, 77%
XYZ	44.1631, 51.3967, 38.1648
YIQ	186.1290, 3.3500, -16.6660

# Conversions

## Conversions Part 2

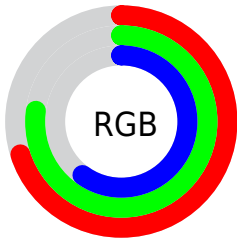
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 196, 171
Decimal	11781274
CIELab	76.92, -13.24, 19.19
CIELCh	77, 23.317, 124.613
Yxy	51.3967, 0.3303, 0.3843
Android (android.graphics.Color)	4289971354 (0xFFB3C49A)
YUV	186.1290, -15.8396, -6.2521
Hunter-Lab	71.6915, -15.5012, 18.6212

# Details

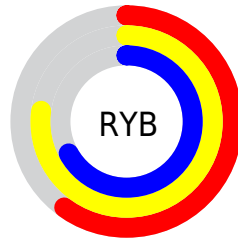
The Hex color **B3C49A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AB9AC4**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **EBFDD1**, and **7E8E67** is the 20% darker color. If you saturate the color by 10%, you get **ABC486**, and if you desaturate by 10%, it is **BBC4AE**.

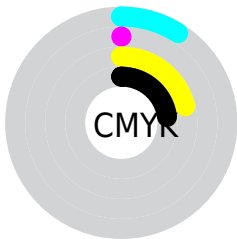
# Distribution



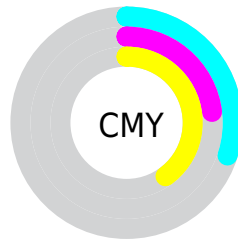
- Red (70%)
- Green (77%)
- Blue (60%)



- Red (60%)
- Yellow (77%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)



- Cyan (30%)
- Magenta (23%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3C49A 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 B3C49A by changing the saturation by 10% instead.



 B3C49A

 B3C49A

FFFFFF

 98A980

 EBFDD1

 7E8E67

 FFFFED

 65754E

 4C5C37

 354421

 1F2E0C

 041A00

 000000

 B3C49A

 B3C49A

 ABC486

 BBC4AE

 A3C473

 C3C4C1

 9BC45F

 CBC4D5

 93C44C

 D3C4E8

 8BC438

 DBC4FC

 83C424

 E3C4FF

 7BC411

 EBC4FF

 75C400

 F2C4FF

 FAC4FF

# Harmonies

## Analogous

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



CBBE93



B3C49A



9BC8AB

# Triad

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



B3C49A



8FC5E4



E9AEBB

# Complementary

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



B3C49A



AB9AC4

# 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.



DDB1D1



B3C49A



A9BFE8

# Square

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



B3C49A



82C9D6



C6B7E1



E9B1A6

# Rectangle

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



B3C49A



8DCAB9



C6B7E1



E6AFC3



# Sweetspot

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



B3C49A



F9FFF0



C4AB9A



7C8077



000000



808080

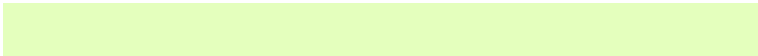


# Same Dimension

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



B3C49A



E4FFBD



9EC49A



5D6157



60A100



142100



# Inverse Universe

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



AB9AC4



D8BDFF



C09AC4



5B5761



4100A1

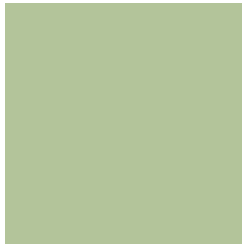


0D0021



# Previews

## White Background



This preview shows how the Hex color B3C49A looks on a white background.

## Color Contrast Check

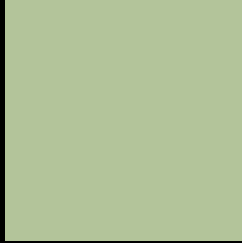
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B3C49A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

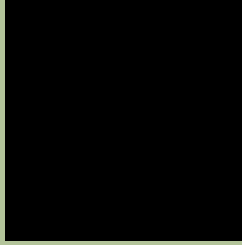
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3C49A Background



This preview shows how black text looks on a background with the Hex color B3C49A.

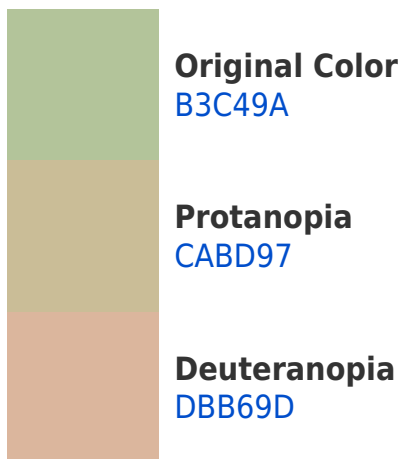


This preview shows how white text looks on a background with the Hex color B3C49A.

# Color Blindness Simulation

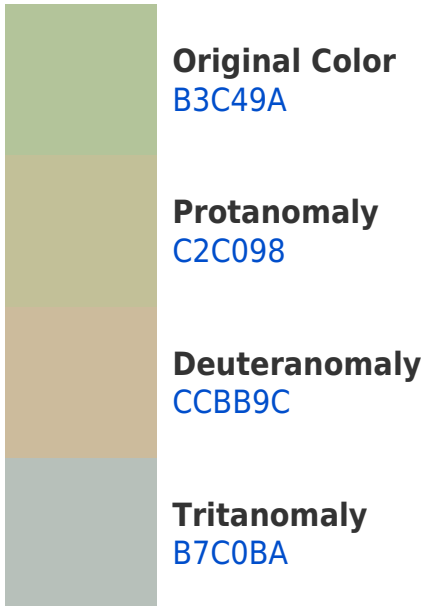
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3C49A 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 #B3C49A looks like.

```
.text, #text, p{  
    color:#B3C49A  
}
```

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 #B3C49A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C49A
}
```

## Border

The CSS property to change the border of an element to Hex B3C49A 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
#B3C49A }
```

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

```
.border{ border-color:#B3C49A }
```

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

Here you see how a box with a 4 pixel #B3C49A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C49A; -webkit-box-shadow:4px 4px  
4px 4px #B3C49A; box-shadow:4px 4px 4px  
4px #B3C49A }
```

# Background

The CSS property to change the background color of an element to Hex B3C49A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C49A }
```

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

```
.background{ background-color:#B3C49A }
```

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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