

# Converting Colors

Hex(B3C4A9)

Have a look what the booklet for  
Hex(B3C4A9) contains.

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# **Color**

**Hex(B3C4A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3C4A9
RGB	179, 196, 169
RGB Percent	70%, 77%, 66%
CMY	0.2980, 0.2314, 0.3373
CMYK	0.09, 0.00, 0.14, 0.23
HSL	98°, 19%, 72%
HSV	98°, 14%, 77%
XYZ	45.4918, 51.9281, 45.1616
YIQ	187.8390, -1.4650, -12.0010

# Conversions

## Conversions Part 2

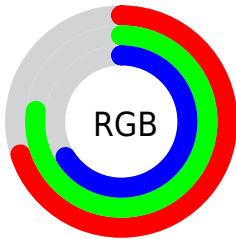
Format	Color
R <sub>YB</sub>	169, 196, 186
Decimal	11781289
CIE Lab	77.24, -10.77, 11.60
CIE LCh	77, 15.833, 132.884
Yxy	51.9281, 0.3191, 0.3642
Android (android.graphics.Color)	4289971369 (0xFFB3C4A9)
YUV	187.8390, -9.2876, -7.7518
Hunter-Lab	72.0612, -13.4211, 13.2851

# Details

The Hex color **B3C4A9** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **BAA9C4**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EBFDE0**, and **7E8E75** is the 20% darker color. If you saturate the color by 10%, you get **A7C495**, and if you desaturate by 10%, it is **BFC4BD**.

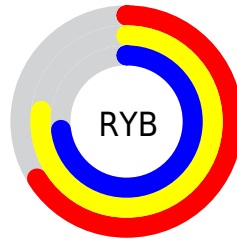
# Distribution



Red (70%)

Green (77%)

Blue (66%)



Red (66%)

Yellow (77%)

Blue (73%)

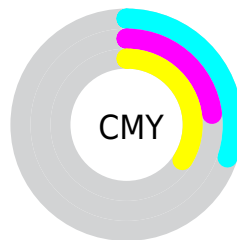


Cyan (9%)

Magenta (0%)

Yellow (14%)

Black (23%)



Cyan (30%)

Magenta (23%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3C4A9 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 B3C4A9 by changing the saturation by 10% instead.





B3C4A9



B3C4A9

FFFFFF



98A98F



EBFDE0



7E8E75

FFFFFFD



65755C



4D5C45



36452E



202E19



0C1A00



000000



B3C4A9



B3C4A9

 A7C495

 BFC4BD

 9AC482

 CCC4D0

 8EC46E

 D8C4E4

 82C45B

 E4C4F7

 75C447

 F1C4FF

 69C433

 FDC4FF

 5DC420

 FFC4FF

 50C40C

 49C400

# Harmonies

## Analogous

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



C4C0A2



B3C4A9



A4C7B6

# Triad

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



B3C4A9



A5C3DA



DEB5B9

# Complementary

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



B3C4A9



BAA9C4

# 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.



D7B6C8



B3C4A9



B7BEDB

# Square

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



B3C4A9



9AC6D2



C9B9D4



DCB7AB

# Rectangle

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



B3C4A9



9CC7C0



C9B9D4



DDB5BE



# Sweetspot

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



B3C4A9



F9FFF5



C4BAA9



7B8079



000000



808080

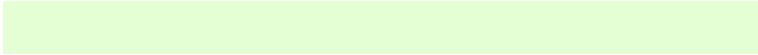


# Same Dimension

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



B3C4A9



E4FFD4



A9C4AC



5B6157



3BA100



0C2100



# Inverse Universe

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



BAA9C4



EFD4FF



C4A9C1



5D5761



6500A1

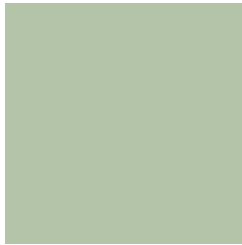


150021



# Previews

## White Background



This preview shows how the Hex color B3C4A9 looks on a white background.

## Color Contrast Check

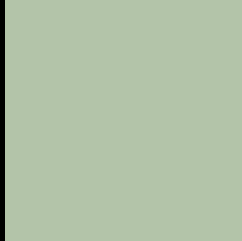
Large Text (above 18pt) WCAG AA × Fail

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 B3C4A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

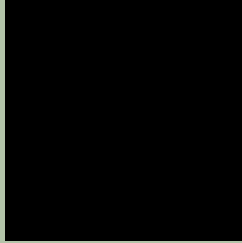
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

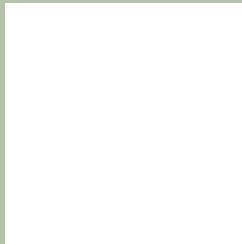
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3C4A9 Background



This preview shows how black text looks on a background with the Hex color B3C4A9.

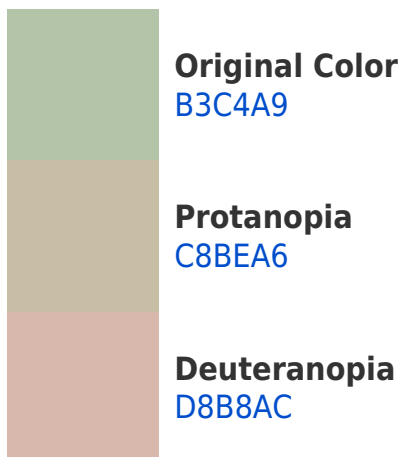


This preview shows how white text looks on a background with the Hex color B3C4A9.

# 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](#).

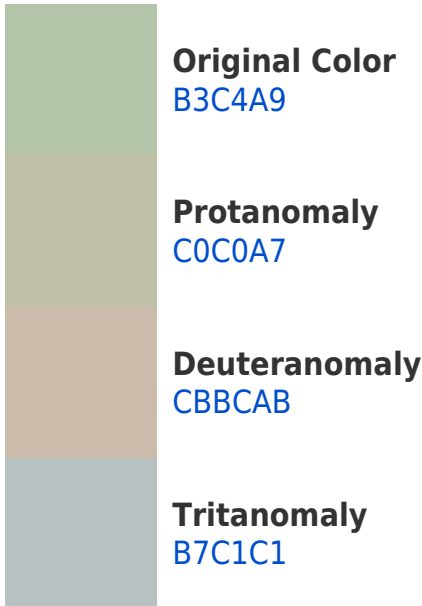
## Dichromacy



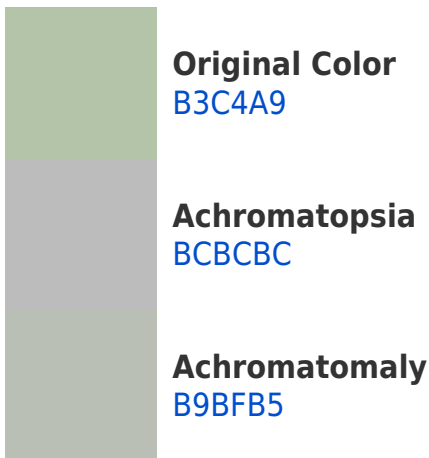


**Tritanopia**  
B9BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3C4A9 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 #B3C4A9 looks like.

```
.text, #text, p{  
    color:#B3C4A9  
}
```

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 #B3C4A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C4A9
}
```

## Border

The CSS property to change the border of an element to Hex B3C4A9 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
#B3C4A9 }
```

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

```
.border{ border-color:#B3C4A9 }
```

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

Here you see how a box with a 4 pixel #B3C4A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C4A9; -webkit-box-shadow:4px 4px  
4px 4px #B3C4A9; box-shadow:4px 4px 4px  
4px #B3C4A9 }
```

# Background

The CSS property to change the background color of an element to Hex B3C4A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C4A9 }
```

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

```
.background{ background-color:#B3C4A9 }
```

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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