

# Converting Colors

Hex(B9D9B3)

Have a look what the booklet for  
Hex(B9D9B3) contains.

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# **Color**

**Hex(B9D9B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9D9B3
RGB	185, 217, 179
RGB Percent	73%, 85%, 70%
CMY	0.2745, 0.1490, 0.2980
CMYK	0.15, 0.00, 0.18, 0.15
HSL	111°, 33%, 78%
HSV	111°, 18%, 85%
XYZ	52.9571, 63.1947, 52.0545
YIQ	203.1000, -6.8740, -18.6020

# Conversions

## Conversions Part 2

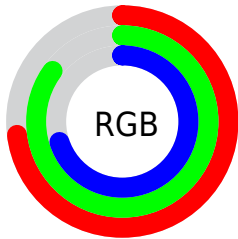
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 217, 211
Decimal	12179891
CIELab	83.54, -17.64, 15.24
CIELCh	84, 23.313, 139.167
Yxy	63.1947, 0.3148, 0.3757
Android (android.graphics.Color)	4290369971 (0xFFB9D9B3)
YUV	203.1000, -11.8813, -15.8737
Hunter-Lab	79.4951, -20.2053, 16.8226

# Details

The Hex color **B9D9B3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D3B3D9**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **F1FFEB**, and **84A27E** is the 20% darker color. If you saturate the color by 10%, you get **A7D99D**, and if you desaturate by 10%, it is **CBD9C9**.

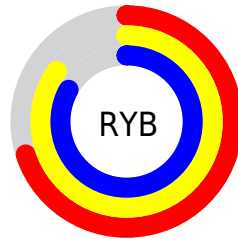
# Distribution



Red (73%)

Green (85%)

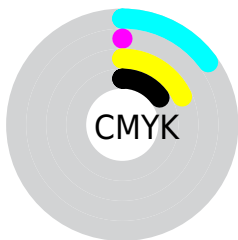
Blue (70%)



Red (70%)

Yellow (85%)

Blue (83%)

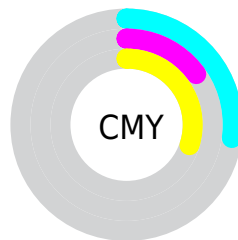


Cyan (15%)

Magenta (0%)

Yellow (18%)

Black (15%)



Cyan (27%)

Magenta (15%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9D9B3 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 B9D9B3 by changing the saturation by 10% instead.



 B9D9B3

 B9D9B3


FFFFFF

 9EBD98

 F1FFEB

 84A27E

 6A8865

 516E4D

 3A5636

 233E20

 0E280A

 001500

 000000

 B9D9B3

 B9D9B3

 A7D99D

 CBD9C9

 94D988

 DED9DE

 82D972

 F0D9F4

 70D95C

 FFD9FF

 5ED946

 4BD931

 39D91B

 27D905

 22D900

# Harmonies

## Analogous

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



D2D3A7



B9D9B3



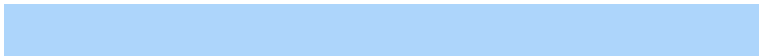
A2DCC7

# Triad

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



B9D9B3



ADD5FB



FEC1C3

# Complementary

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



B9D9B3



D3B3D9

# 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.



F7C1D9



B9D9B3



CACDF9

# Square

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



B9D9B3



98DAF1



E5C6ED



F8C5B0

# Rectangle

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



B9D9B3



98DDD6



E5C6ED



FDC1CA

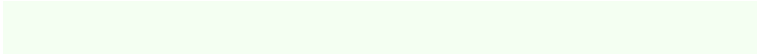


# Sweetspot

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



B9D9B3



F4FFF2



D9D3B3



798078



000000



808080

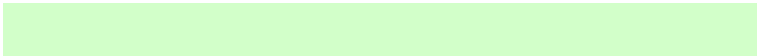


# Same Dimension

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



B9D9B3



D2FFC9



B3D9C0



646E63



1BAD00



072E00



# Inverse Universe

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



D3B3D9



F7C9FF



D9B3CC



6C636E



9200AD



27002E



# Previews

## White Background



This preview shows how the Hex color B9D9B3 looks on a white background.

## Color Contrast Check

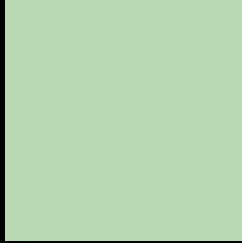
Large Text (above 18pt) WCAG AA × Fail

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 B9D9B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

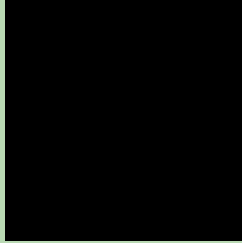
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

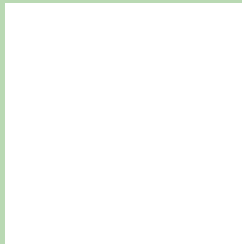
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9D9B3 Background



This preview shows how black text looks on a background with the Hex color B9D9B3.

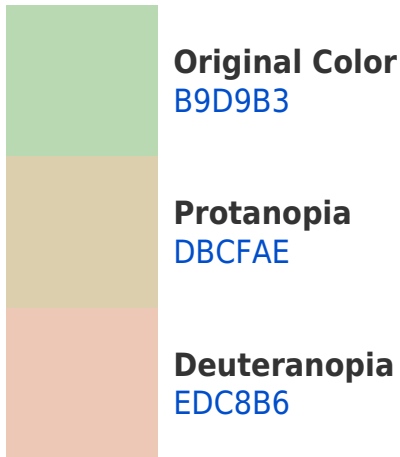


This preview shows how white text looks on a background with the Hex color B9D9B3.

# 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](#).

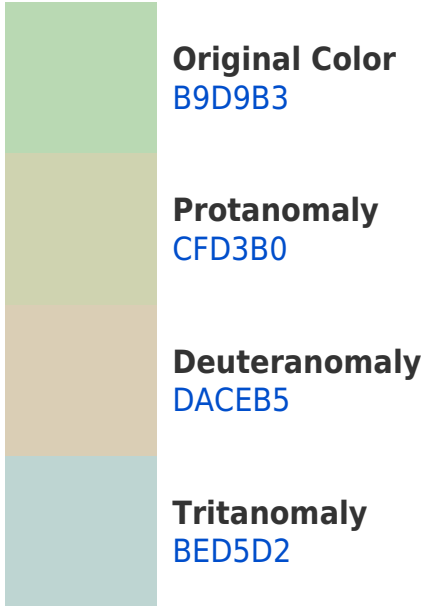
## Dichromacy



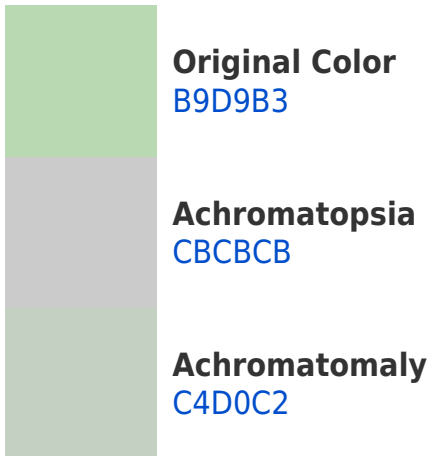


**Tritanopia**  
C1D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9D9B3 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 #B9D9B3 looks like.

```
.text, #text, p{  
    color:#B9D9B3  
}
```

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 #B9D9B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9D9B3
}
```

## Border

The CSS property to change the border of an element to Hex B9D9B3 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
#B9D9B3 }
```

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

```
.border{ border-color:#B9D9B3 }
```

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

Here you see how a box with a 4 pixel #B9D9B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9D9B3; -webkit-box-shadow:4px 4px  
4px 4px #B9D9B3; box-shadow:4px 4px 4px  
4px #B9D9B3 }
```

# Background

The CSS property to change the background color of an element to Hex B9D9B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9D9B3 }
```

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

```
.background{ background-color:#B9D9B3 }
```

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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