

# Converting Colors

Hex(B9D6AD)

Have a look what the booklet for  
Hex(B9D6AD) contains.

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# Color

**Hex(B9D6AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9D6AD
RGB	185, 214, 173
RGB Percent	73%, 84%, 68%
CMY	0.2745, 0.1608, 0.3216
CMYK	0.14, 0.00, 0.19, 0.16
HSL	102°, 33%, 76%
HSV	102°, 19%, 84%
XYZ	51.5970, 61.4246, 48.6718
YIQ	200.6550, -4.1230, -18.8990

# Conversions

## Conversions Part 2

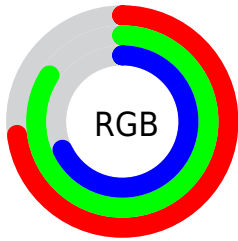
Format	Color
<b>RYB</b>	173, 214, 202
Decimal	12179117
CIELab	82.61, -17.15, 17.09
CIELCh	83, 24.210, 135.098
Yxy	61.4246, 0.3191, 0.3799
Android (android.graphics.Color)	4290369197 (0xFFB9D6AD)
YUV	200.6550, -13.6339, -13.7294
Hunter-Lab	78.3738, -19.6397, 18.0413

# Details

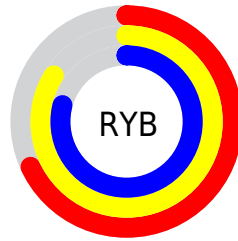
The Hex color **B9D6AD** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CAADD6**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F1FFE5**, and **849F79** is the 20% darker color. If you saturate the color by 10%, you get **AAD698**, and if you desaturate by 10%, it is **C8D6C2**.

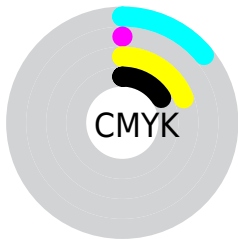
# Distribution



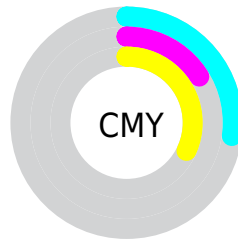
- Red (73%)
- Green (84%)
- Blue (68%)



- Red (68%)
- Yellow (84%)
- Blue (79%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9D6AD 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 B9D6AD by changing the saturation by 10% instead.



 B9D6AD

FFFFFF

 F1FFE5

 B9D6AD

 9EBA92

 849F79

 6A8560

 516C48

 3A5331

 233C1C

 0F2603

 001100

 000000

 B9D6AD

 B9D6AD

 AAD698

 C8D6C2

 9BD682

 D7D6D8

 8CD66D

 E6D6ED

 7CD657

 F6D6FF

 6DD642

 FFD6FF

 5ED62D

 4FD617

 40D602

 3FD600

# Harmonies

## Analogous

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



D3D0A2



B9D6AD



A1DAC1

# Triad

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



B9D6AD



A5D3F9



FDBEC3

# Complementary

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



B9D6AD



CAADD6

# 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.



F4BFDA



B9D6AD



C2CCF9

# Square

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



B9D6AD



91D8ED



DFC4EE



F8C1AE

# Rectangle

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



B9D6AD



94DBD1



DFC4EE



FBBDCA



# Sweetspot

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



B9D6AD



F4FFF0



D6CAAD



798077



000000



808080

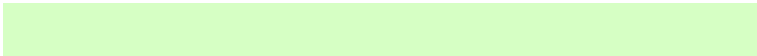


# Same Dimension

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



B9D6AD



D6FFC4



ADD6B5



646B60



32AB00



0D2B00



# Inverse Universe

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



CAADD6



EEC4FF



D6ADCE



68606B



7900AB

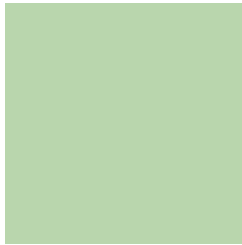


1F002B



# Previews

## White Background



This preview shows how the Hex color B9D6AD 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 B9D6AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

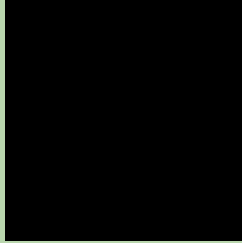
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

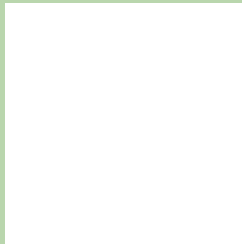
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9D6AD Background



This preview shows how black text looks on a background with the Hex color B9D6AD.

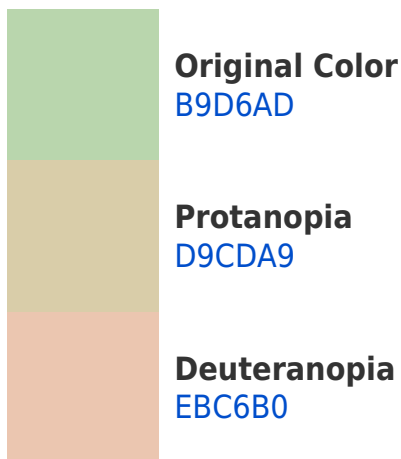


This preview shows how white text looks on a background with the Hex color B9D6AD.

# Color Blindness Simulation

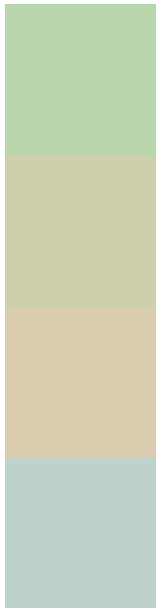
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



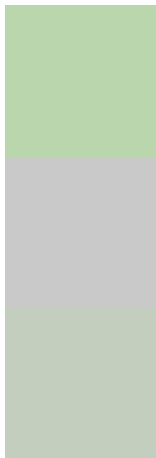
**Original Color**  
B9D6AD

**Protanomaly**  
CDD0AA

**Deuteranomaly**  
D9CCAF

**Tritanomaly**  
BED2CD

# Monochromacy



**Original Color**  
B9D6AD

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
C3CEBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9D6AD 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 #B9D6AD looks like.

```
.text, #text, p{  
    color:#B9D6AD  
}
```

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 #B9D6AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9D6AD }  
}
```

## Border

The CSS property to change the border of an element to Hex B9D6AD 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 #B9D6AD }  
}
```

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

```
.border{ border-color:#B9D6AD }
```

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

Here you see how a box with a 4 pixel #B9D6AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9D6AD; -webkit-box-shadow:4px 4px  
4px 4px #B9D6AD; box-shadow:4px 4px 4px  
4px #B9D6AD }
```

# Background

The CSS property to change the background color of an element to Hex B9D6AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9D6AD }
```

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

```
.background{ background-color:#B9D6AD }
```

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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