

# Converting Colors

Hex(B9D6B2)

Have a look what the booklet for  
Hex(B9D6B2) contains.

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# **Color**

**Hex(B9D6B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9D6B2
RGB	185, 214, 178
RGB Percent	73%, 84%, 70%
CMY	0.2745, 0.1608, 0.3020
CMYK	0.14, 0.00, 0.17, 0.16
HSL	108°, 31%, 77%
HSV	108°, 17%, 84%
XYZ	52.0900, 61.6218, 51.2682
YIQ	201.2250, -5.7280, -17.3440

# Conversions

## Conversions Part 2

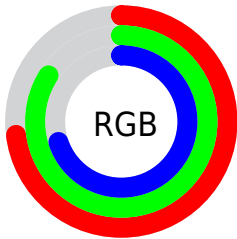
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 214, 207
Decimal	12179122
CIELab	82.71, -16.31, 14.60
CIELCh	83, 21.888, 138.164
Yxy	61.6218, 0.3157, 0.3735
Android (android.graphics.Color)	4290369202 (0xFFB9D6B2)
YUV	201.2250, -11.4499, -14.2293
Hunter-Lab	78.4995, -18.9267, 16.2272

# Details

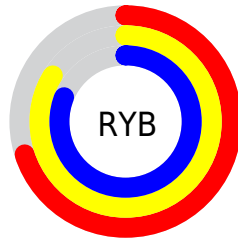
The Hex color **B9D6B2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CFB2D6**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F1FFEA**, and **849F7D** is the 20% darker color. If you saturate the color by 10%, you get **A8D69D**, and if you desaturate by 10%, it is **CAD6C7**.

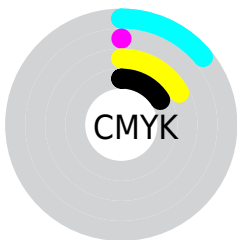
# Distribution



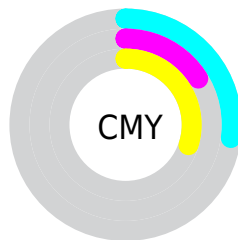
- Red (73%)
- Green (84%)
- Blue (70%)



- Red (70%)
- Yellow (84%)
- Blue (81%)



- Cyan (14%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9D6B2 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 B9D6B2 by changing the saturation by 10% instead.



 B9D6B2

 B9D6B2

FFFFFF

 9EBA97

 F1FFEA

 849F7D

 6A8564

 526C4C

 3A5335

 243C20

 0F2609

 001100

 000000

 B9D6B2

 B9D6B2

 A8D69D

 CAD6C7

 97D687

 DBD6DD

 85D672

 EDD6F2

 74D65C

 FED6FF

 63D647

 FFD6FF

 52D632

 40D61C

 2FD607

 2AD600

# Harmonies

## Analogous

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



D1D0A7



B9D6B2



A4D9C5

# Triad

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



B9D6B2



ACD2F6



F9C0C2

# Complementary

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



B9D6B2



CFB2D6

# 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.



F2C0D7



B9D6B2



C7CBF5

# Square

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



B9D6B2



9AD7EC



E1C5E9



F4C3B0

# Rectangle

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



B9D6B2



9ADAD3



E1C5E9



F8BFC9

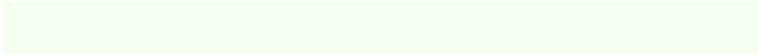


# Sweetspot

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



B9D6B2



F5FFF2



D6CFB2



798078



000000



808080

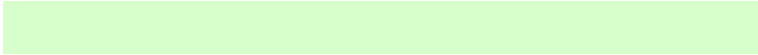


# Same Dimension

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



B9D6B2



D6FFCC



B2D6BD



626B60



21AB00



082B00



# Inverse Universe

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



CFB2D6



F5CCFF



D6B2CB



69606B



8A00AB

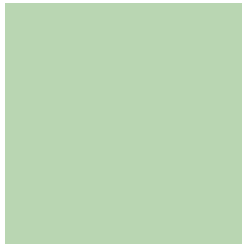


23002B



# Previews

## White Background



This preview shows how the Hex color B9D6B2 looks on a white background.

## Color Contrast Check

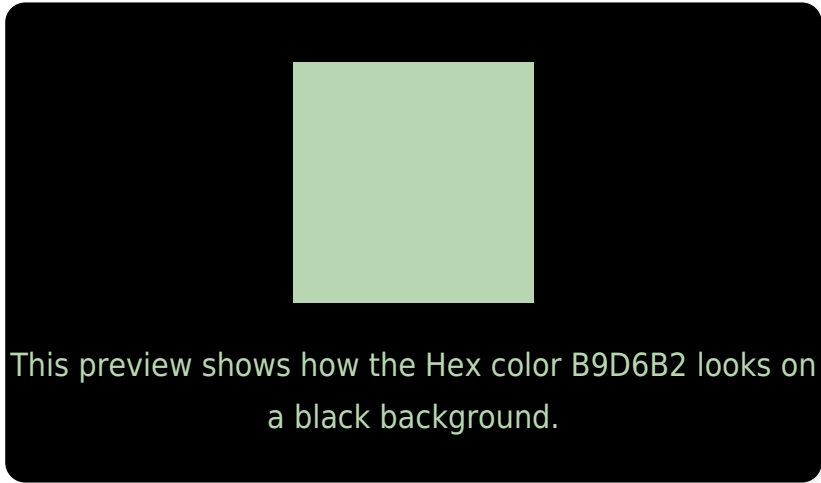
Large Text (above 18pt) WCAG AA × Fail

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

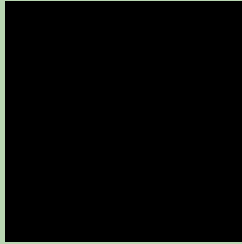
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

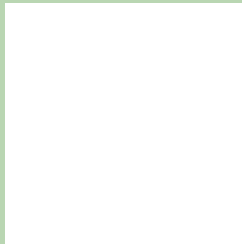
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9D6B2 Background



This preview shows how black text looks on a background with the Hex color B9D6B2.

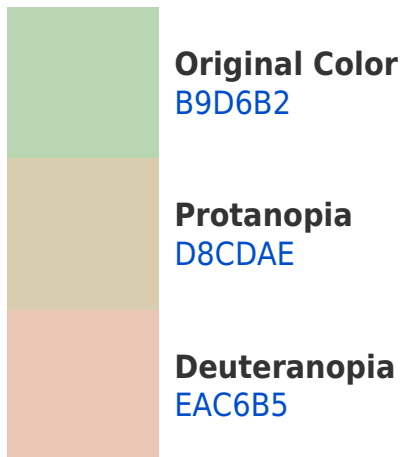


This preview shows how white text looks on a background with the Hex color B9D6B2.

# 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](#).

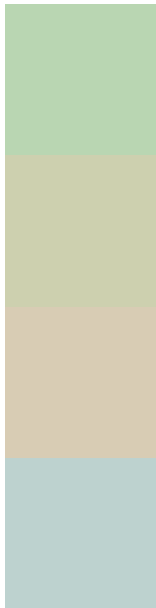
## Dichromacy





**Tritanopia**  
COD0E0

# Trichromacy



**Original Color**  
B9D6B2

**Protanomaly**  
CDD0AF

**Deuteranomaly**  
D8CCB4

**Tritanomaly**  
BDD2CF

# Monochromacy



**Original Color**  
B9D6B2

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
C3CEC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9D6B2 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 #B9D6B2 looks like.

```
.text, #text, p{  
    color:#B9D6B2  
}
```

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 #B9D6B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9D6B2
}
```

## Border

The CSS property to change the border of an element to Hex B9D6B2 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
#B9D6B2 }
```

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

```
.border{ border-color:#B9D6B2 }
```

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

Here you see how a box with a 4 pixel #B9D6B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9D6B2; -webkit-box-shadow:4px 4px  
4px 4px #B9D6B2; box-shadow:4px 4px 4px  
4px #B9D6B2 }
```

# Background

The CSS property to change the background color of an element to Hex B9D6B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9D6B2 }
```

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

```
.background{ background-color:#B9D6B2 }
```

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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