

# Converting Colors

Hex(BDD2B1)

Have a look what the booklet for  
Hex(BDD2B1) contains.

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# **Color**

**Hex(BDD2B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDD2B1
RGB	189, 210, 177
RGB Percent	74%, 82%, 69%
CMY	0.2588, 0.1765, 0.3059
CMYK	0.10, 0.00, 0.16, 0.18
HSL	98°, 27%, 76%
HSV	98°, 16%, 82%
XYZ	51.9687, 60.0863, 50.4538
YIQ	199.9590, -1.9230, -14.7150

# Conversions

## Conversions Part 2

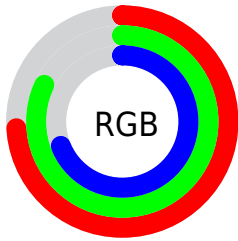
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 210, 198
Decimal	12440241
CIELab	81.89, -13.06, 14.00
CIELCh	82, 19.148, 133.011
Yxy	60.0863, 0.3198, 0.3697
Android (android.graphics.Color)	4290630321 (0xFFBDD2B1)
YUV	199.9590, -11.3188, -9.6110
Hunter-Lab	77.5154, -15.9801, 15.6697

# Details

The Hex color **BDD2B1** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C6B1D2**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **F5FFE9**, and **889C7C** is the 20% darker color. If you saturate the color by 10%, you get **B0D29C**, and if you desaturate by 10%, it is **CAD2C6**.

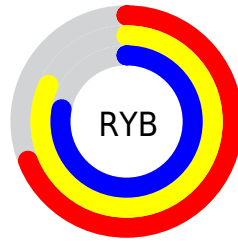
# Distribution



Red (74%)

Green (82%)

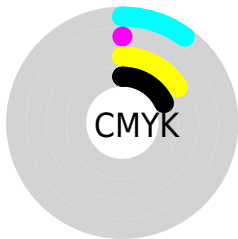
Blue (69%)



Red (69%)

Yellow (82%)

Blue (78%)

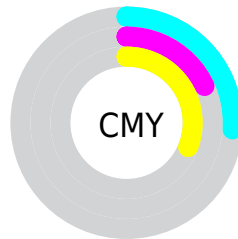


Cyan (10%)

Magenta (0%)

Yellow (16%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDD2B1 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 BDD2B1 by changing the saturation by 10% instead.



 BDD2B1

FFFFFF

 F5FFE9

 BDD2B1

 A2B696


 889C7C

 6E8163

 55684B

 3E5035

 28391F

 132308

 000D00

 000000

 BDD2B1

 BDD2B1

 B0D29C

 CAD2C6

 A2D287

 D8D2DB

 95D272

 E5D2F0

 88D25D

 F2D2FF

 7AD248

 FFD2FF

 6DD233

 5FD21E

 52D209

 4CD200

# Harmonies

## Analogous

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



D2CDA9



BDD2B1



AAD5C1

# Triad

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



BDD2B1



ACD0ED



F1BFC4

# Complementary

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



BDD2B1



C6B1D2

# 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.



EAC0D7



BDD2B1



C2CAEE

# Square

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



BDD2B1



9ED4E3



D8C5E6



EFC2B4

# Rectangle

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



BDD2B1



A1D6CD



D8C5E6



F0BFCA



# Sweetspot

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



BDD2B1



F7FFF2



D2C6B1



7B8078



000000



808080

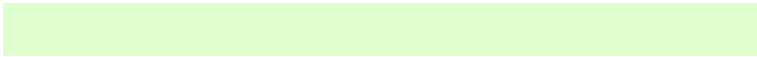


# Same Dimension

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



BDD2B1



E0FFCF



B1D2B5



62695E



3DA800



0F2900



# Inverse Universe

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



C6B1D2



EDCFFF



D2B1CE



655E69



6B00A8

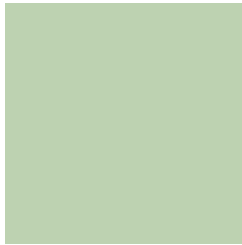


1A0029



# Previews

## White Background



This preview shows how the Hex color BDD2B1 looks on a white background.

## Color Contrast Check

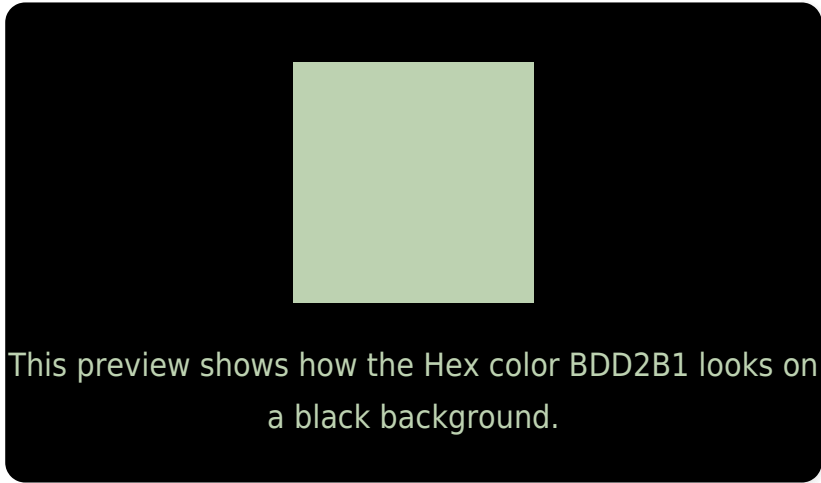
Large Text (above 18pt) WCAG AA × Fail

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

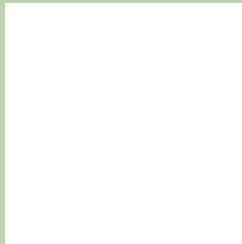
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDD2B1 Background



This preview shows how black text looks on a background with the Hex color BDD2B1.

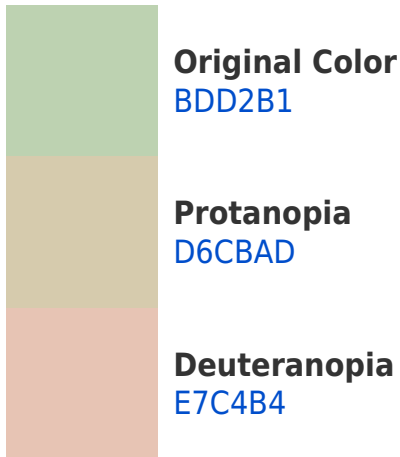


This preview shows how white text looks on a background with the Hex color BDD2B1.

# Color Blindness Simulation

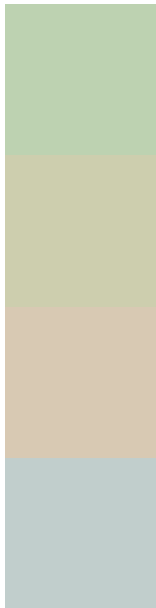
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
BDD2B1

**Protanomaly**  
CDCEAE

**Deuteranomaly**  
D8C9B3

**Tritanomaly**  
C1CECC

# Monochromacy



**Original Color**  
BDD2B1

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
C4CCC0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDD2B1 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 #BDD2B1 looks like.

```
.text, #text, p{  
    color:#BDD2B1  
}
```

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 #BDD2B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD2B1
}
```

## Border

The CSS property to change the border of an element to Hex BDD2B1 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
#BDD2B1 }
```

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

```
.border{ border-color:#BDD2B1 }
```

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

Here you see how a box with a 4 pixel #BDD2B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD2B1; -webkit-box-shadow:4px 4px  
4px 4px #BDD2B1; box-shadow:4px 4px 4px  
4px #BDD2B1 }
```

# Background

The CSS property to change the background color of an element to Hex BDD2B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD2B1 }
```

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

```
.background{ background-color:#BDD2B1 }
```

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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