

# Converting Colors

Hex(BDD1B6)

Have a look what the booklet for  
Hex(BDD1B6) contains.

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# **Color**

**Hex(BDD1B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDD1B6
RGB	189, 209, 182
RGB Percent	74%, 82%, 71%
CMY	0.2588, 0.1804, 0.2863
CMYK	0.10, 0.00, 0.13, 0.18
HSL	104°, 23%, 77%
HSV	104°, 13%, 82%
XYZ	52.2302, 59.7971, 53.0451
YIQ	199.9420, -3.2530, -12.6370

# Conversions

## Conversions Part 2

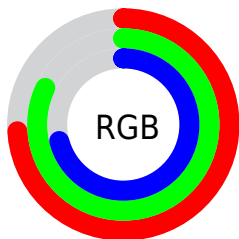
Format	Color
<a href="#">RYB</a>	<a href="#">182, 209, 202</a>
Decimal	<a href="#">12439990</a>
CIELab	<a href="#">81.73, -11.70, 11.13</a>
CIELCh	<a href="#">82, 16.144, 136.441</a>
Yxy	<a href="#">59.7971, 0.3164, 0.3622</a>
Android (android.graphics.Color)	<a href="#">4290630070 (0xFFBDD1B6)</a>
YUV	<a href="#">199.9420, -8.8454, -9.5961</a>
Hunter-Lab	<a href="#">77.3286, -14.7604, 13.4588</a>

# Details

The Hex color **BDD1B6** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **CAB6D1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **F5FFEE**, and **889B81** is the 20% darker color. If you saturate the color by 10%, you get **AED1A1**, and if you desaturate by 10%, it is **CCD1CB**.

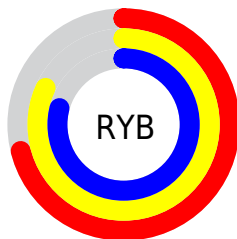
# Distribution



Red (74%)

Green (82%)

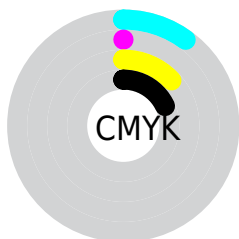
Blue (71%)



Red (71%)

Yellow (82%)

Blue (79%)

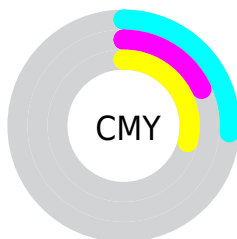


Cyan (10%)

Magenta (0%)

Yellow (13%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDD1B6 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 BDD1B6 by changing the saturation by 10% instead.



 BDD1B6

FFFFFF

 F5FFEE

 BDD1B6

 A2B59B


 889B81

 6E8168

 566750

 3E4F39

 283823

 13230E

 000C00

 000000

 BDD1B6

 BDD1B6

 AED1A1

 CCD1CB

 9ED18C

 DCD1E0

 8FD177

 EBD1F5

 7FD162

 FBD1FF

 70D14E

 FFD1FF

 60D139

 51D124

 41D10F

 36D100

# Harmonies

## Analogous

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



CECDAE



BDD1B6



AED4C4

# Triad

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



BDD1B6



B3CFE8



EBC1C3

# Complementary

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



BDD1B6



CAB6D1

# 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.



E6C1D3



BDD1B6



C5CAE8

# Square

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



BDD1B6



A6D2E0



D8C5E0



E8C3B6

# Rectangle

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



BDD1B6



A7D4CE



D8C5E0



EBC1C8



# Sweetspot

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



BDD1B6



F7FFF5



D1CAB6



7B8079



000000



808080

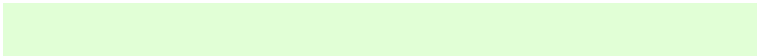


# Same Dimension

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



BDD1B6



E1FFD6



B6D1BC



61695E



2CA800



0B2900



# Inverse Universe

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



CAB6D1



F4D6FF



D1B6CB



665E69



7D00A8



1E0029



# Previews

## White Background



This preview shows how the Hex color BDD1B6 looks on a white background.

## Color Contrast Check

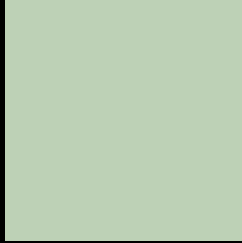
Large Text (above 18pt) WCAG AA × Fail

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 BDD1B6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

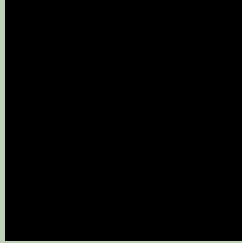
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

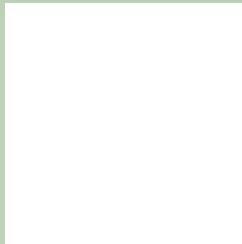
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDD1B6 Background



This preview shows how black text looks on a background with the Hex color BDD1B6.

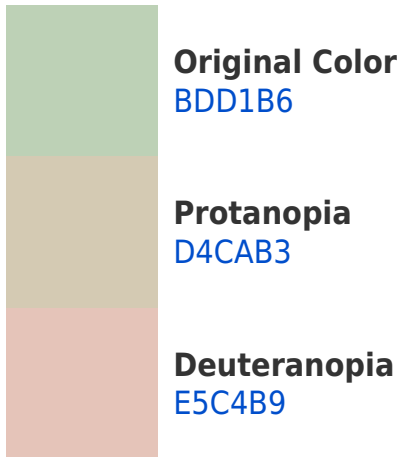


This preview shows how white text looks on a background with the Hex color BDD1B6.

# Color Blindness Simulation

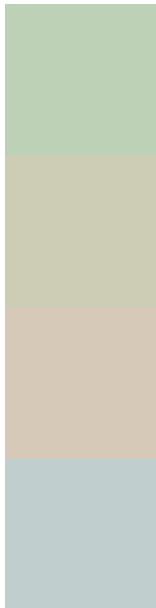
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
BDD1B6

**Protanomaly**  
CCCDB4

**Deuteranomaly**  
D6C9B8

**Tritanomaly**  
C1CECE

# Monochromacy



**Original Color**  
BDD1B6

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
C4CBC1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDD1B6 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 #BDD1B6 looks like.

```
.text, #text, p{  
    color:#BDD1B6  
}
```

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 #BDD1B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD1B6
}
```

## Border

The CSS property to change the border of an element to Hex BDD1B6 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
#BDD1B6 }
```

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

```
.border{ border-color:#BDD1B6 }
```

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

Here you see how a box with a 4 pixel #BDD1B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD1B6; -webkit-box-shadow:4px 4px  
4px 4px #BDD1B6; box-shadow:4px 4px 4px  
4px #BDD1B6 }
```

# Background

The CSS property to change the background color of an element to Hex BDD1B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD1B6 }
```

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

```
.background{ background-color:#BDD1B6 }
```

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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