

# Converting Colors

Hex(BDDEBA)

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

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# **Color**

**Hex(BDDEBA)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | BDDEBA                      |
| RGB         | 189, 222, 186               |
| RGB Percent | 74%, 87%, 73%               |
| CMY         | 0.2588, 0.1294, 0.2706      |
| CMYK        | 0.15, 0.00, 0.16, 0.13      |
| HSL         | 115°, 35%, 80%              |
| HSV         | 115°, 16%, 87%              |
| XYZ         | 55.9705, 66.6065, 56.3608   |
| YIQ         | 208.0290, -8.1120, -18.1920 |

# Conversions

## Conversions Part 2

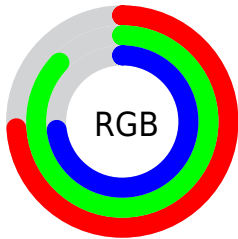
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">186, 222, 219</a>                |
| Decimal                             | <a href="#">12443322</a>                     |
| CIELab                              | <a href="#">85.30, -17.57, 14.08</a>         |
| CIElCh                              | <a href="#">85, 22.512, 141.287</a>          |
| Yxy                                 | <a href="#">66.6065, 0.3128, 0.3722</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4290633402<br/>(0xFFBDDEBA)</a>  |
| YUV                                 | <a href="#">208.0290, -10.8603, -16.6884</a> |
| Hunter-Lab                          | <a href="#">81.6128, -20.4063, 16.1841</a>   |

# Details

The Hex color **BDDEBA** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DBBADE**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **F6FFF2**, and **87A785** is the 20% darker color. If you saturate the color by 10%, you get **A9DEA4**, and if you desaturate by 10%, it is **D1DED0**.

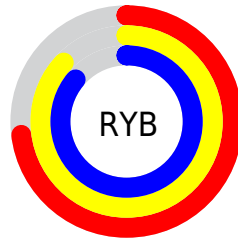
# Distribution



Red (74%)

Green (87%)

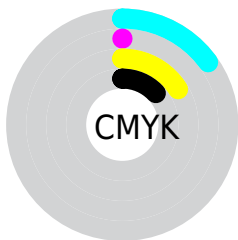
Blue (73%)



Red (73%)

Yellow (87%)

Blue (86%)

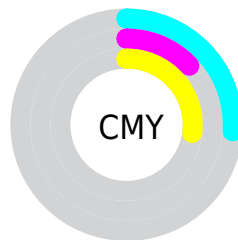


Cyan (15%)

Magenta (0%)

Yellow (16%)

Black (13%)



Cyan (26%)

Magenta (13%)

Yellow (27%)

# Brightness & Saturation Gradients

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



 BDDEBA

FFFFFF

 F6FFF2

 BDDEBA

 A2C29F

 87A785

 6E8C6C

 557353

 3D5A3C

 264226

 102C11

 001900

 000000

 BDDEBA

 BDDEBA

 A9DEA4

 D1DED0

 94DE8E

 E6DEE6

 80DE77

 FADEFD

 6CDE61

 FFDEFF

 57DE4B

 43DE35

 2FDE1F

 1ADE08

 13DE00

# Harmonies

## Analogous

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



D5D9AD



BDDEBA



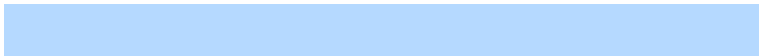
A7E1CE

# Triad

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



BDDEBA



B5D9FF



FFC7C7

# Complementary

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



BDDEBA



DBBADE

# 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.



FCC7DC



BDDEBA



D1D2FD

# Square

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



BDDEBA



A0DEF6



EBCBF0



FCCBB5

# Rectangle

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



BDDEBA



9EE2DD



EBCBF0



FFC6CE

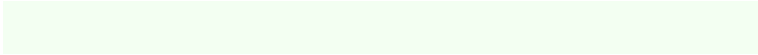


# Sweetspot

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



BDDEBA



F3FFF2



DEDBBA



788078



000000



808080

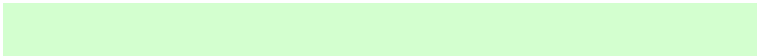


# Same Dimension

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



BDDEBA



D3FFCF



BADEC8



667065



0FB000



043000



# Inverse Universe

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



DBBADE



FBCFFF



DEBACF



6F6570



A100B0

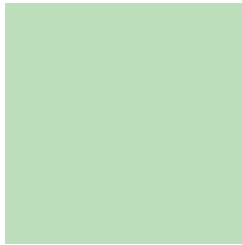


2C0030



# Previews

## White Background



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

## Color Contrast Check

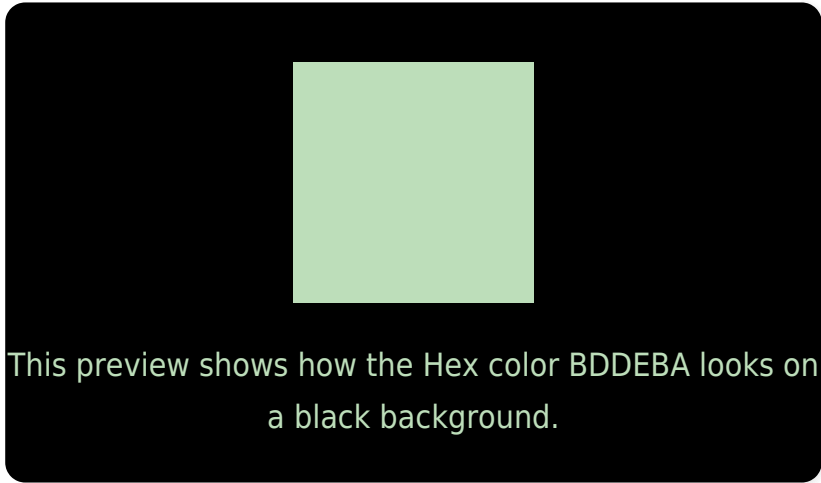
Large Text (above 18pt) WCAG AA × Fail

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

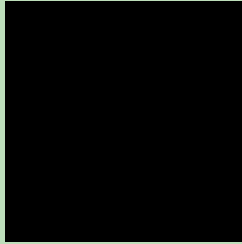
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BDDEBA Background



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

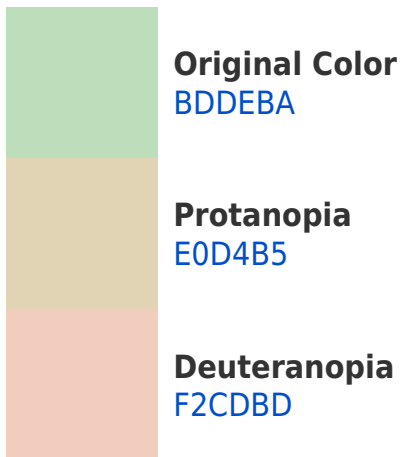


This preview shows how white text looks on a background with the Hex color BDDEBA.

# 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](#).

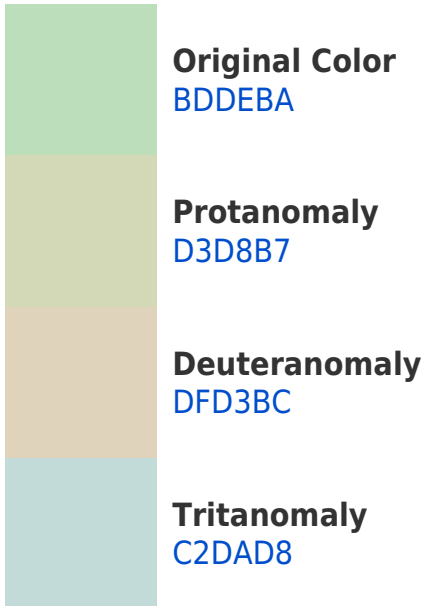
## Dichromacy



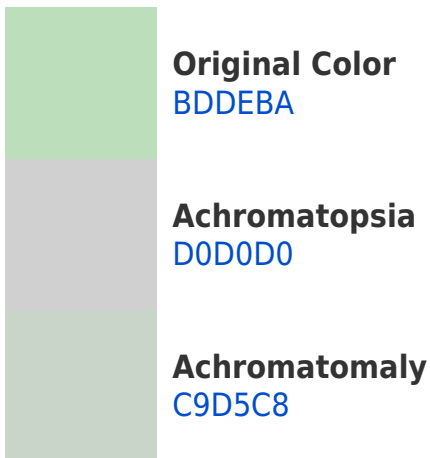


**Tritanopia**  
C5D7E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #BDDEBA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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