

# Converting Colors

Hex(BDEAB9)

Have a look what the booklet for  
Hex(BDEAB9) contains.

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# Color

**Hex(BDEAB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BDEAB9</a>
RGB	189, 234, 185
RGB Percent	74%, 92%, 73%
CMY	0.2588, 0.0824, 0.2745
CMYK	0.19, 0.00, 0.21, 0.08
HSL	115°, 54%, 82%
HSV	115°, 21%, 92%
XYZ	59.1660, 73.1672, 56.9032
YIQ	214.9590, -11.0910, -24.7790

# Conversions

## Conversions Part 2

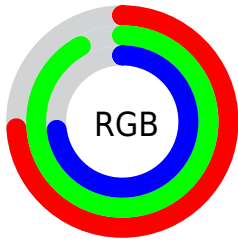
Format	Color
<a href="#">RYB</a>	<a href="#">185, 234, 230</a>
Decimal	<a href="#">12446393</a>
CIELab	<a href="#">88.53, -23.63, 19.12</a>
CIELCh	<a href="#">89, 30.396, 141.016</a>
Yxy	<a href="#">73.1672, 0.3127, 0.3866</a>
Android (android.graphics.Color)	<a href="#">4290636473</a> ( <a href="#">0xFFBDEAB9</a> )
YUV	<a href="#">214.9590, -14.7698, -22.7660</a>
Hunter-Lab	<a href="#">85.5378, -26.2238, 20.4344</a>

# Details

The Hex color **BDEAB9** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E6B9EA**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **F6FFF1**, and **87B284** is the 20% darker color. If you saturate the color by 10%, you get **A8EAA2**, and if you desaturate by 10%, it is **D2EAD0**.

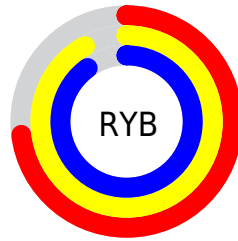
# Distribution



Red (74%)

Green (92%)

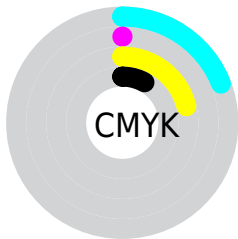
Blue (73%)



Red (73%)

Yellow (92%)

Blue (90%)

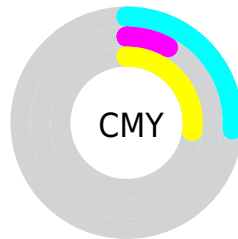


Cyan (19%)

Magenta (0%)

Yellow (21%)

Black (8%)



Cyan (26%)

Magenta (8%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDEAB9 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 BDEAB9 by changing the saturation by 10% instead.



 BDEAB9

 BDEAB9

FFFFFF

 A2CE9E

 F6FFF1

 87B284

 6D976A

 547D52

 3C643B

 244C24

 0B350F

 002000

 000000

 BDEAB9

 BDEAB9

 A8EAA2

 D2EAD0

 92EA8A

 E8EAE8

 7DEA73

 FDEAFF

 67EA5B

 FFEAFF

 52EA44

 3CEA2D

 27EA15

 13EA00

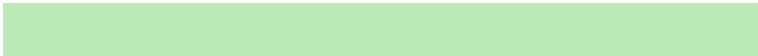
# Harmonies

## Analogous

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



DEE3A8



BDEAB9



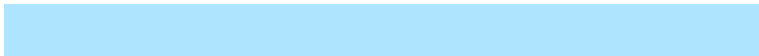
9EEED4

# Triad

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



BDEAB9



AFE4FF



FFCACB

# Complementary

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



BDEAB9



E6B9EA

# 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.



FFCAE8



BDEAB9



D7DAFF

# Square

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



BDEAB9



90EBFF



FBD0FF



FFD0B2

# Rectangle

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



BDEAB9



8FEFE8



FBD0FF

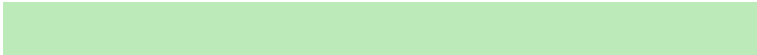


FFC9D4

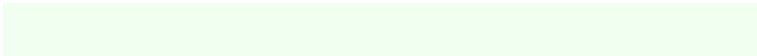


# Sweetspot

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



BDEAB9



F1FFF0



EAE6B9



778077



000000

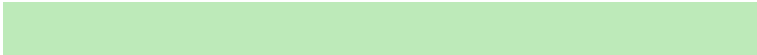


808080

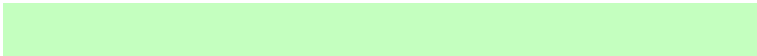


# Same Dimension

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



BDEAB9



C4FFBF



B9EACD



6B756A



0FB500



043600



# Inverse Universe

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



E6B9EA



FABFFF



EAB9D6



746A75



A600B5

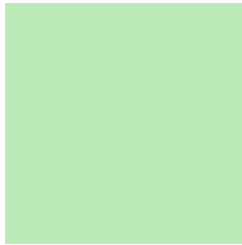


310036



# Previews

## White Background



This preview shows how the Hex color BDEAB9 looks on a white background.

## Color Contrast Check

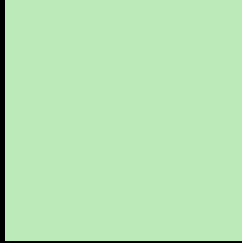
Large Text (above 18pt) WCAG AA × Fail

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 BDEAB9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

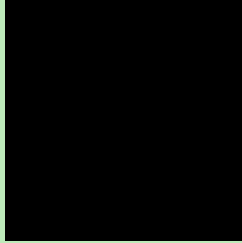
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

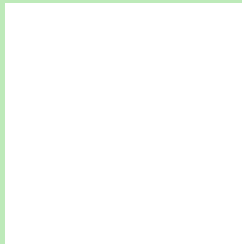
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDEAB9 Background



This preview shows how black text looks on a background with the Hex color BDEAB9.

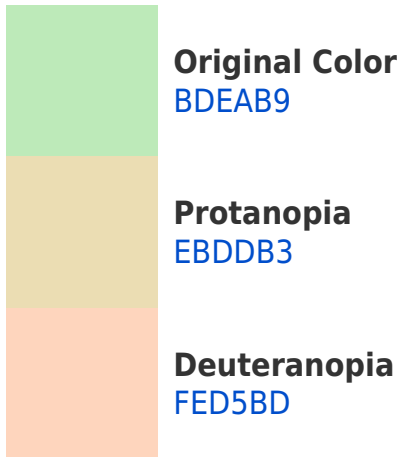


This preview shows how white text looks on a background with the Hex color BDEAB9.

# 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](#).

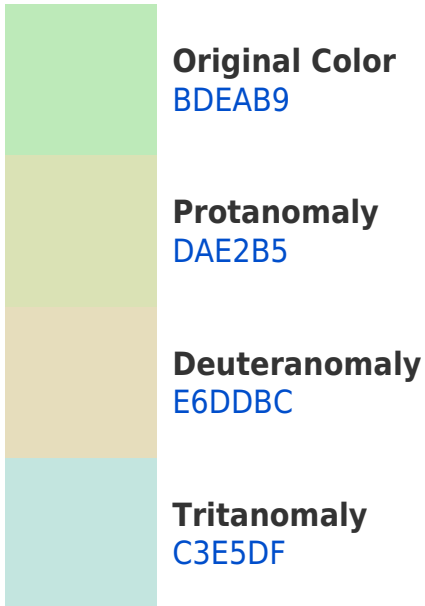
## Dichromacy



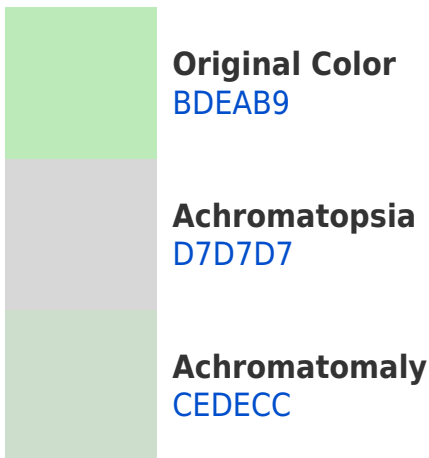


**Tritanopia**  
C7E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDEAB9 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 #BDEAB9 looks like.

```
.text, #text, p{  
    color:#BDEAB9  
}
```

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 #BDEAB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDEAB9
}
```

## Border

The CSS property to change the border of an element to Hex BDEAB9 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
#BDEAB9 }
```

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

```
.border{ border-color:#BDEAB9 }
```

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

Here you see how a box with a 4 pixel #BDEAB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDEAB9; -webkit-box-shadow:4px 4px  
4px 4px #BDEAB9; box-shadow:4px 4px 4px  
4px #BDEAB9 }
```

# Background

The CSS property to change the background color of an element to Hex BDEAB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDEAB9 }
```

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

```
.background{ background-color:#BDEAB9 }
```

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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