

# Converting Colors

Hex(BDE0C9)

Have a look what the booklet for  
Hex(BDE0C9) contains.

<b>Hex(BDE0C9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BDE0C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDE0C9
RGB	189, 224, 201
RGB Percent	74%, 88%, 79%
CMY	0.2588, 0.1216, 0.2118
CMYK	0.16, 0.00, 0.10, 0.12
HSL	141°, 36%, 81%
HSV	141°, 16%, 88%
XYZ	58.1845, 68.3472, 65.3840
YIQ	210.9130, -13.4770, -14.5730

# Conversions

## Conversions Part 2

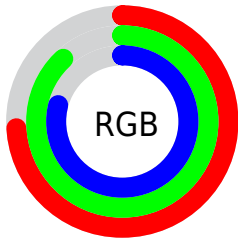
Format	Color
R <sub>Y</sub> B	189, 215, 224
Decimal	12443849
CIE Lab	86.18, -15.88, 7.44
CIE LCh	86, 17.538, 154.903
Yxy	68.3472, 0.3032, 0.3561
Android (android.graphics.Color)	4290633929 (0xFFBDE0C9)
YUV	210.9130, -4.8871, -19.2177
Hunter-Lab	82.6723, -19.0489, 10.9793

# Details

The Hex color **BDE0C9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0BDD4**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **F6FFFF**, and **87A993** is the 20% darker color. If you saturate the color by 10%, you get **A7E0BA**, and if you desaturate by 10%, it is **D3E0D8**.

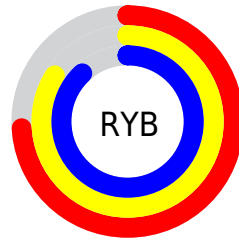
# Distribution



Red (74%)

Green (88%)

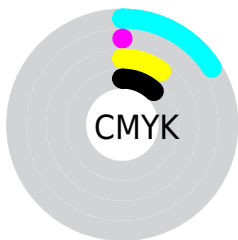
Blue (79%)



Red (74%)

Yellow (84%)

Blue (88%)

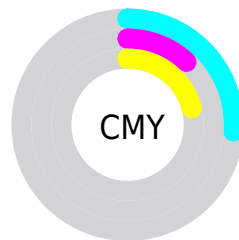


Cyan (16%)

Magenta (0%)

Yellow (10%)

Black (12%)



Cyan (26%)

Magenta (12%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDE0C9 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 BDE0C9 by changing the saturation by 10% instead.



 BDE0C9

FFFFFF

 F6FFFF

 BDE0C9

 A2C4AE

 87A993

 6E8E79

 557560

 3D5C49

 264432

 102E1D

 001A04

 000000

 BDE0C9

 BDE0C9

 A7E0BA

 D3E0D8

 90E0AC

 EAE0E6

 7AE09D

 FFE0F5

 63E08E

 FFE0FF

 4DE07F

 37E071

 20E062

 0AE053

 00E04D

# Harmonies

## Analogous

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



CFDCBC



BDE0C9



B0E1DA

# Triad

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



BDE0C9



C9D8F8



FACEC5

# Complementary

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



BDE0C9



E0BDD4

# 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.



FACCD5



BDE0C9



DED2F3

# Square

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



BDE0C9



B6DDF5



F0CEE6



F1D2BA

# Rectangle

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



BDE0C9



ACE1E5



F0CEE6



FBCDCA

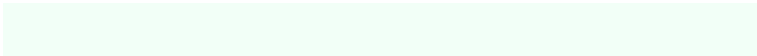


# Sweetspot

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



BDE0C9



F2FFF7



D4E0BD



78807A



000000



808080

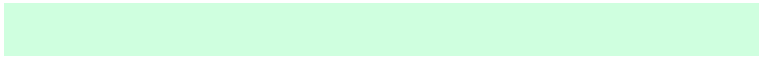


# Same Dimension

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



BDE0C9



CFFDFD



BDE0DA



657069



00B03C



003011



# Inverse Universe

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



E0BDD4



FFCFEE



E0BDC3



70656C



B00074

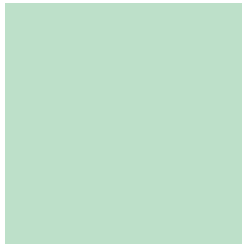


300020



# Previews

## White Background



This preview shows how the Hex color BDE0C9 looks on a white background.

## Color Contrast Check

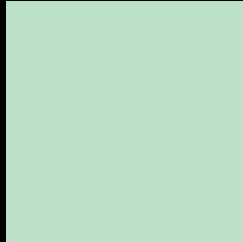
Large Text (above 18pt) WCAG AA × Fail

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 BDE0C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

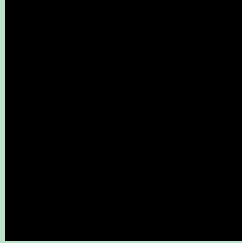
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

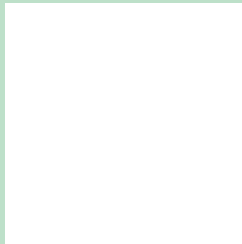
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDE0C9 Background



This preview shows how black text looks on a background with the Hex color BDE0C9.

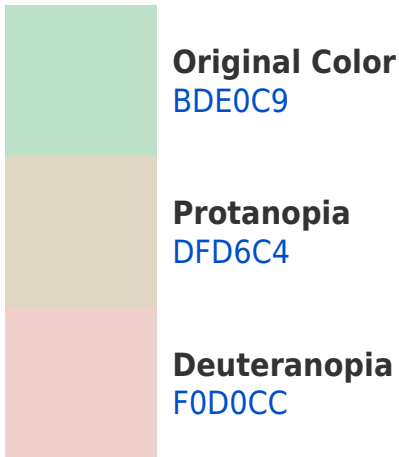


This preview shows how white text looks on a background with the Hex color BDE0C9.

# Color Blindness Simulation

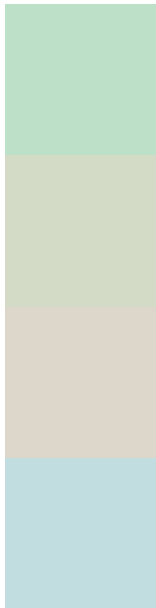
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
BDE0C9

**Protanomaly**  
D3DAC6

**Deuteranomaly**  
DDD6CB

**Tritanomaly**  
C1DDDF

# Monochromacy



**Original Color**  
BDE0C9

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
CBD8CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDE0C9 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 #BDE0C9 looks like.

```
.text, #text, p{  
    color:#BDE0C9  
}
```

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 #BDE0C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDE0C9
}
```

## Border

The CSS property to change the border of an element to Hex BDE0C9 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
#BDE0C9 }
```

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

```
.border{ border-color:#BDE0C9 }
```

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

Here you see how a box with a 4 pixel #BDE0C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDE0C9; -webkit-box-shadow:4px 4px  
4px 4px #BDE0C9; box-shadow:4px 4px 4px  
4px #BDE0C9 }
```

# Background

The CSS property to change the background color of an element to Hex BDE0C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDE0C9 }
```

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

```
.background{ background-color:#BDE0C9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor