

Converting Colors

Hex(BDECC4)

Have a look what the booklet for
Hex(BDECC4) contains.

Hex(BDECC4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BDECC4)

Conversions

Conversions Part 1

Format	Color
Hex	BDECC4
RGB	189, 236, 196
RGB Percent	74%, 93%, 77%
CMY	0.2588, 0.0745, 0.2314
CMYK	0.20, 0.00, 0.17, 0.07
HSL	129°, 55%, 83%
HSV	129°, 20%, 93%
XYZ	60.9455, 74.7952, 63.4493
YIQ	217.3870, -15.1720, -22.4040

Conversions

Conversions Part 2

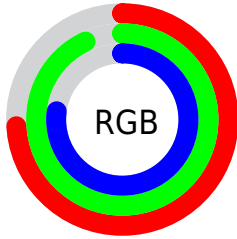
Format	Color
RYB	189, 230, 236
Decimal	12446916
CIELab	89.30, -22.71, 14.49
CIElCh	89, 26.939, 147.449
Yxy	74.7952, 0.3060, 0.3755
Android (android.graphics.Color)	4290636996 (0xFFBDECC4)
YUV	217.3870, -10.5438, -24.8954
Hunter-Lab	86.4842, -25.5583, 17.0408

Details

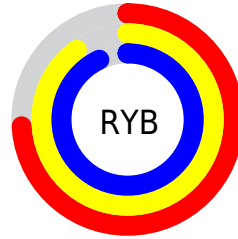
The Hex color **BDECC4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **ECBDE5**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **F6FFFD**, and **87B48E** is the 20% darker color. If you saturate the color by 10%, you get **A5ECB0**, and if you desaturate by 10%, it is **D5ECD8**.

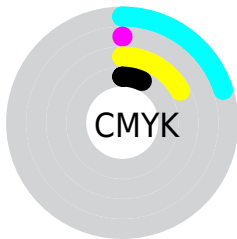
Distribution



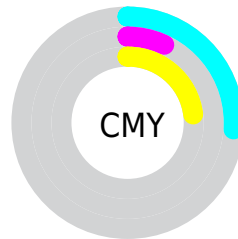
- Red (74%)
- Green (93%)
- Blue (77%)



- Red (74%)
- Yellow (90%)
- Blue (93%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (26%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDECC4 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 BDECC4 by changing the saturation by 10% instead.

 BDECC4

FFFFFF

 F6FFFD

 BDECC4

 A2D0A9

 87B48E

 6D9975

 547F5C

 3C6644

 244E2E

 0B3619

 002100

 000000

 BDECC4

 BDECC4

 A5ECB0

 D5ECD8

 8EEC9C

 ECECEC

 76EC88

 FFECFF

 5FEC74

 47EC60

 2FEC4B

 18EC37

 00EC23

Harmonies

Analogous

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



DAE6B2



BDECC4



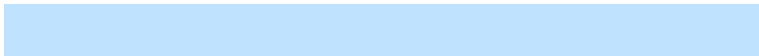
A4EFDD

Triad

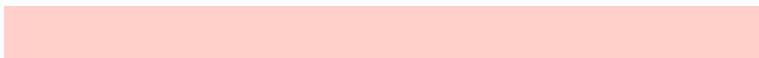
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BDECC4



BFE3FF



FFCFCA

Complementary

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



BDECC4



ECBDE5

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.



FFCEE4



BDECC4



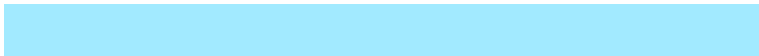
E2DBFF

Square

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



BDECC4



A2EAFF



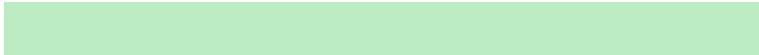
FFD3FC



FFD5B6

Rectangle

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



BDECC4



9AEFEF



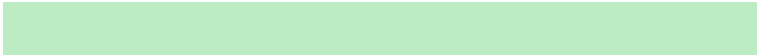
FFD3FC



FFCED2

Sweetspot

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



BDECC4



F0FFF2



E6ECBD



778078



000000



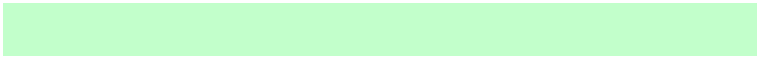
808080

Same Dimension

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



BDECC4



C2FFCB



BDECDB



6A756B



00B51B



003608

Inverse Universe

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



ECBDE5



FFC2F6



ECBDCE



756A74



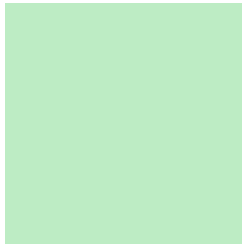
B5009A



36002E

Previews

White Background



This preview shows how the Hex color BDECC4 looks on a white background.

Color Contrast Check

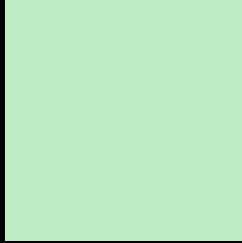
Large Text (above 18pt) WCAG AA × Fail

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 BDECC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

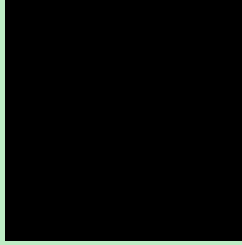
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

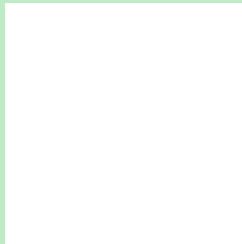
Any Text WCAG AAA ✓ Pass

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

Hex BDECC4 Background



This preview shows how black text looks on a background with the Hex color BDECC4.

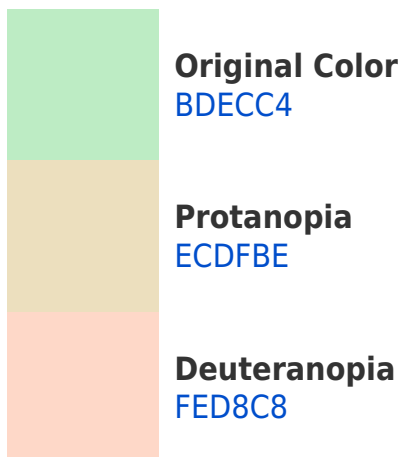


This preview shows how white text looks on a background with the Hex color BDECC4.

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



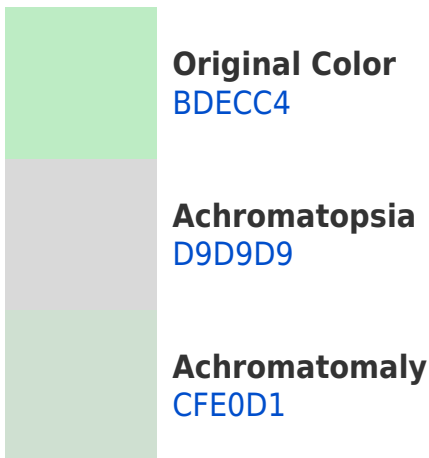


Tritanopia
C6E5F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDECC4 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 #BDECC4 looks like.

```
.text, #text, p{  
    color:#BDECC4  
}
```

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 #BDECC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDECC4
}
```

Border

The CSS property to change the border of an element to Hex BDECC4 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
#BDECC4 }
```

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

```
.border{ border-color:#BDECC4 }
```

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

Here you see how a box with a 4 pixel #BDECC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDECC4; -webkit-box-shadow:4px 4px  
4px 4px #BDECC4; box-shadow:4px 4px 4px  
4px #BDECC4 }
```

Background

The CSS property to change the background color of an element to Hex BDECC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDECC4 }
```

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

```
.background{ background-color:#BDECC4 }
```

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