

Converting Colors

Hex(BDEF C9)

Have a look what the booklet for
Hex(BDEFC9) contains.

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Color

Hex(BDEFC9)

Conversions

Conversions Part 1

Format	Color
Hex	BDFEC9
RGB	189, 239, 201
RGB Percent	74%, 94%, 79%
CMY	0.2588, 0.0627, 0.2118
CMYK	0.21, 0.00, 0.16, 0.06
HSL	134°, 61%, 84%
HSV	134°, 21%, 94%
XYZ	62.3954, 76.7689, 66.7876
YIQ	219.7180, -17.6020, -22.4180

Conversions

Conversions Part 2

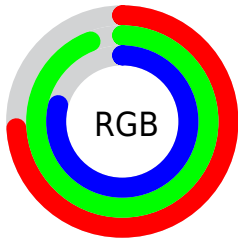
Format	Color
R _{YB}	189, 229, 239
Decimal	12447689
CIE _{Lab}	90.22, -23.27, 13.20
CIE _{LCh}	90, 26.754, 150.443
Yxy	76.7689, 0.3030, 0.3728
Android (android.graphics.Color)	4290637769 (0xFFBDEF C9)
YUV	219.7180, -9.2280, -26.9397
Hunter-Lab	87.6178, -26.2158, 16.1381

Details

The Hex color **BDEFC9** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EFBDE3**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **F6FFFF**, and **87B793** is the 20% darker color. If you saturate the color by 10%, you get **A5EFB7**, and if you desaturate by 10%, it is **D5EFDB**.

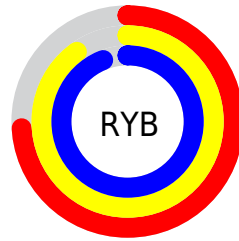
Distribution



Red (74%)

Green (94%)

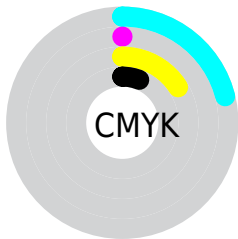
Blue (79%)



Red (74%)

Yellow (90%)

Blue (94%)

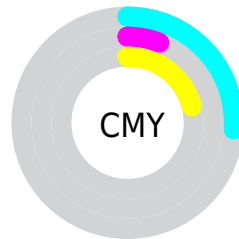


Cyan (21%)

Magenta (0%)

Yellow (16%)

Black (6%)



Cyan (26%)

Magenta (6%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDEFC9 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 BDEFC9 by changing the saturation by 10% instead.

 BDEFC9

FFFFFF

 F6FFFF

 BDEFC9

 A2D3AE

 87B793

 6D9C79

 548260

 3B6848

 235032

 09391D

 002304

 000100

 BDEF C9

 BDEF C9

 A5EF B7

 D5EF DB

 8DEF A5

 EDEF ED

 75EF 93

 FFEE FF

 5DEF 80

 46EF 6E

 2EEF 5C

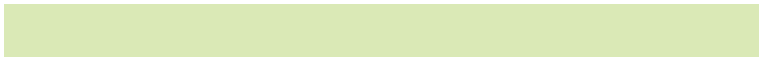
 16EF 4A

 00EF 39

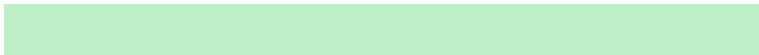
Harmonies

Analogous

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



DAE9B6



BDFEC9



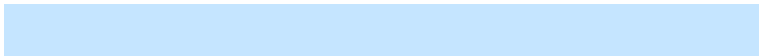
A5F2E2

Triad

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



BDFC9



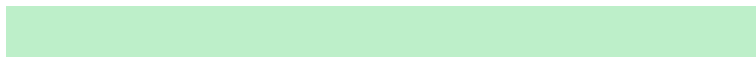
C5E5FF



FFD3CA

Complementary

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



BDFC9



EFBDE3

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.



FFD1E4



BDEF C9



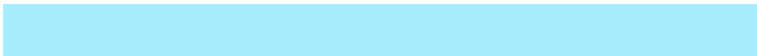
E8DC FF

Square

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



BDEF C9



A8EC FF



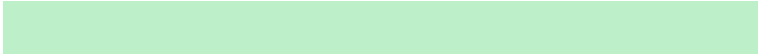
FFD5 FD



FFD9 B7

Rectangle

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



BDFC9



9CF1F4



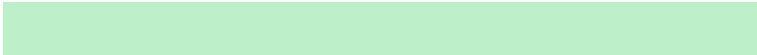
FFD5FD



FFD1D2

Sweetspot

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



BDEFC9



F0FFF3



E3EFBD



778079



000000



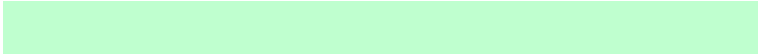
808080

Same Dimension

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



BDEFC9



BFFFCF



BDEFE2



6C786F



00B82C



00380D

Inverse Universe

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



EFBDE3



FFBFF0



EFBDCA



786C75



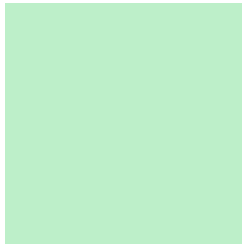
B8008C



38002B

Previews

White Background



This preview shows how the Hex color BDEFC9 looks on a white background.

Color Contrast Check

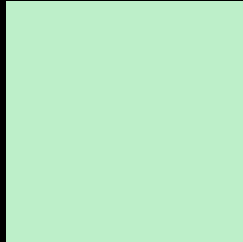
Large Text (above 18pt) WCAG AA × Fail

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 BDEFC9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

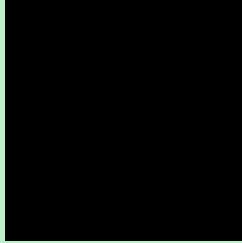
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

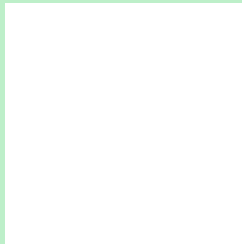
Any Text WCAG AAA ✓ Pass

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

Hex BDEFC9 Background



This preview shows how black text looks on a background with the Hex color BDEFC9.

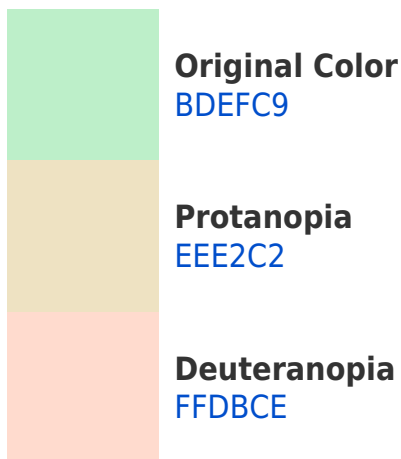


This preview shows how white text looks on a background with the Hex color BDEFC9.

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](#).

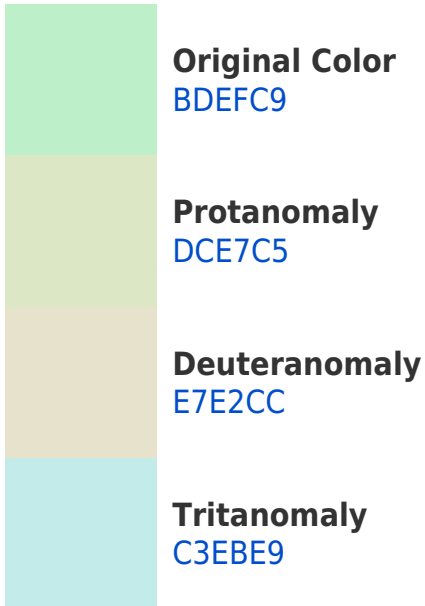
Dichromacy



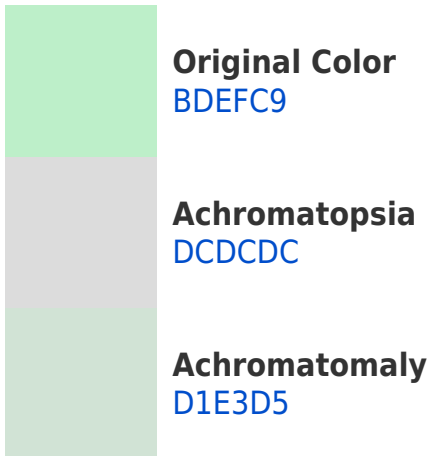


Tritanopia
C6E8FB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDEFC9 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 #BDEFC9 looks like.

```
.text, #text, p{  
    color:#BDEFC9  
}
```

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 #BDEFC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDEFC9
}
```

Border

The CSS property to change the border of an element to Hex BDEFC9 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
#BDEFC9 }
```

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

```
.border{ border-color:#BDEFC9 }
```

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

Here you see how a box with a 4 pixel #BDEFC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDEFC9; -webkit-box-shadow:4px 4px  
4px 4px #BDEFC9; box-shadow:4px 4px 4px  
4px #BDEFC9 }
```

Background

The CSS property to change the background color of an element to Hex BDEFC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDEFC9 }
```

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

```
.background{ background-color:#BDEFC9 }
```

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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