

# Converting Colors

Hex(BDD9CE)

Have a look what the booklet for  
Hex(BDD9CE) contains.

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# **Color**

**Hex(BDD9CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDD9CE
RGB	189, 217, 206
RGB Percent	74%, 85%, 81%
CMY	0.2588, 0.1490, 0.1922
CMYK	0.13, 0.00, 0.05, 0.15
HSL	156°, 27%, 80%
HSV	156°, 13%, 85%
XYZ	56.9397, 64.9008, 67.9186
YIQ	207.3740, -13.1570, -9.3570

# Conversions

## Conversions Part 2

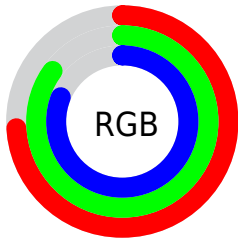
Format	Color
R <sub>Y</sub> B	189, 206, 217
Decimal	12442062
CIE Lab	84.43, -11.40, 2.27
CIE LCh	84, 11.625, 168.721
Yxy	64.9008, 0.3001, 0.3420
Android (android.graphics.Color)	4290632142 (0xFFBDD9CE)
YUV	207.3740, -0.6774, -16.1140
Hunter-Lab	80.5610, -14.8198, 6.4071

# Details

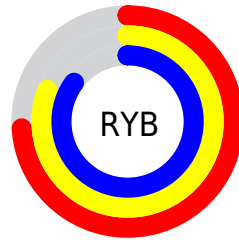
The Hex color **BDD9CE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D9BDC8**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **F5FFFF**, and **87A298** is the 20% darker color. If you saturate the color by 10%, you get **A7D9C5**, and if you desaturate by 10%, it is **D3D9D7**.

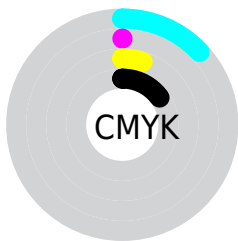
# Distribution



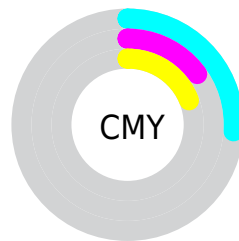
- Red (74%)
- Green (85%)
- Blue (81%)



- Red (74%)
- Yellow (81%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (26%)
- Magenta (15%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDD9CE 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 BDD9CE by changing the saturation by 10% instead.



 BDD9CE

FFFFFF

 F5FFFF

 BDD9CE

 A2BDB3

 87A298

 6E887E

 556E65

 3E564D

 273F36

 122921

 00150A

 000000

 BDD9CE

 BDD9CE

 A7D9C5

 D3D9D7

 92D9BD

 E8D9DF

 7CD9B4

 FED9E8

 66D9AC

 FFD9F0

 51D9A3

 FFD9F9

 3BD99B

 FFD9FF

 25D992

 0FD98A

 00D984

# Harmonies

## Analogous

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



C8D7C4



BDD9CE



B8D9D9

# Triad

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



BDD9CE



D0D1E7



E8CDC3

# Complementary

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



BDD9CE



D9BDC8

# 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.



EBCBCC



BDD9CE



DDCEE1

# Square

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



BDD9CE



C3D5E8



E7CCD7



E0D0BD

# Rectangle

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



BDD9CE



B8D8E0



E7CCD7



EACCC5



# Sweetspot

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



BDD9CE



F5FFFB



C8D9BD



79807D



000000



808080

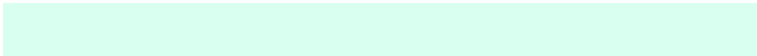


# Same Dimension

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



BDD9CE



D9FFF0



BDD6D9



636E69



00AD69



002E1C



# Inverse Universe

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



D9BDC8



FFD9E8



D9C0BD



6E6367



AD0044

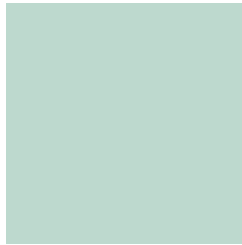


2E0012



# Previews

## White Background



This preview shows how the Hex color BDD9CE looks on a white background.

## Color Contrast Check

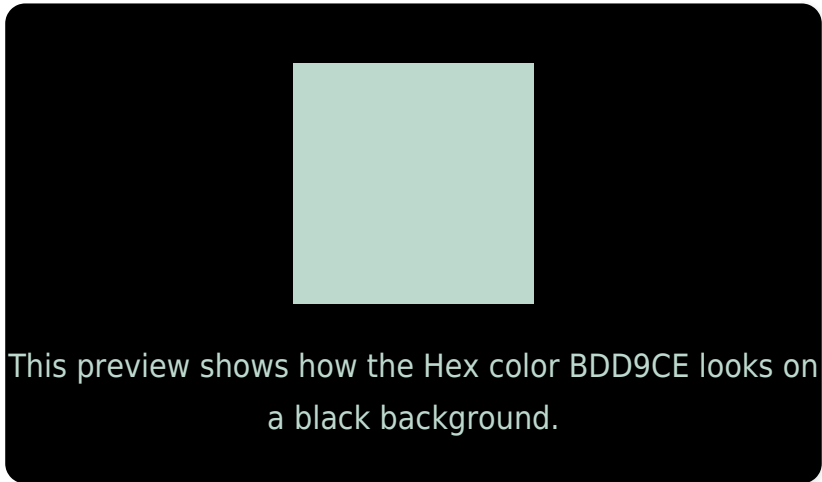
Large Text (above 18pt) WCAG AA × Fail

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

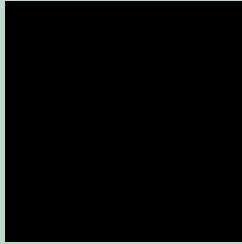
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

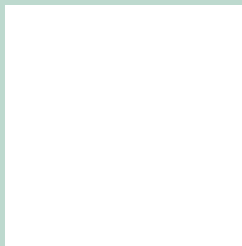
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDD9CE Background



This preview shows how black text looks on a background with the Hex color BDD9CE.

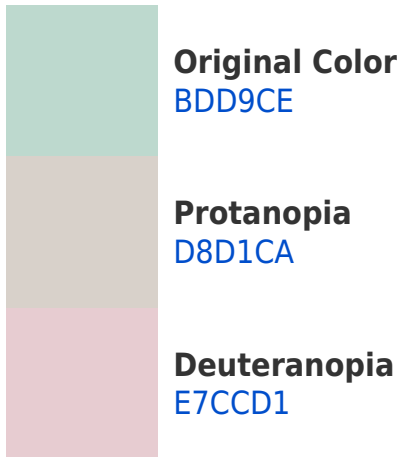


This preview shows how white text looks on a background with the Hex color BDD9CE.

# 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



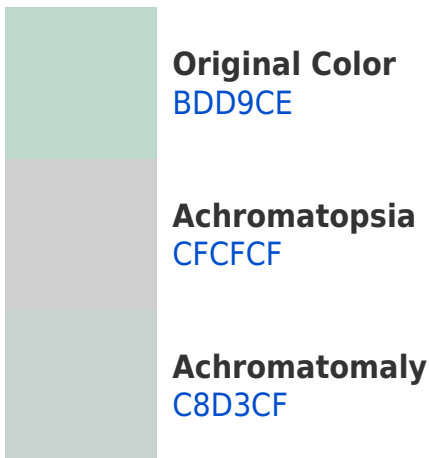


**Tritanopia**  
C1D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDD9CE 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 #BDD9CE looks like.

```
.text, #text, p{  
    color:#BDD9CE  
}
```

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 #BDD9CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD9CE
}
```

## Border

The CSS property to change the border of an element to Hex BDD9CE 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
#BDD9CE }
```

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

```
.border{ border-color:#BDD9CE }
```

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

Here you see how a box with a 4 pixel #BDD9CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD9CE; -webkit-box-shadow:4px 4px  
4px 4px #BDD9CE; box-shadow:4px 4px 4px  
4px #BDD9CE }
```

# Background

The CSS property to change the background color of an element to Hex BDD9CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD9CE }
```

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

```
.background{ background-color:#BDD9CE }
```

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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