

# Converting Colors

Hex(BCD7D7)

Have a look what the booklet for  
Hex(BCD7D7) contains.

<b>Hex(BCD7D7)</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(BCD7D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCD7D7
RGB	188, 215, 215
RGB Percent	74%, 84%, 84%
CMY	0.2627, 0.1569, 0.1569
CMYK	0.13, 0.00, 0.00, 0.16
HSL	180°, 25%, 79%
HSV	180°, 13%, 84%
XYZ	57.3052, 64.1985, 73.6612
YIQ	206.9270, -16.0920, -5.7240

# Conversions

## Conversions Part 2

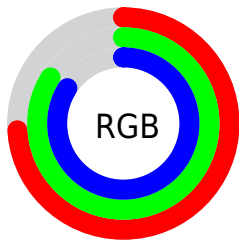
Format	Color
R <sub>YB</sub>	188, 202, 215
Decimal	12376023
CIE <sub>Lab</sub>	84.07, -8.93, -3.04
CIE <sub>LCh</sub>	84, 9.437, 198.790
Yxy	64.1985, 0.2936, 0.3289
Android (android.graphics.Color)	4290566103 (0xFFBCD7D7)
YUV	206.9270, 3.9800, -16.5990
Hunter-Lab	80.1240, -12.5526, 1.5791

# Details

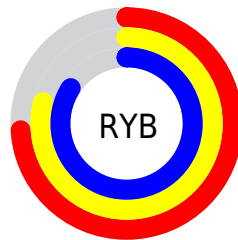
The Hex color **BCD7D7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D7BCBC**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **F4FFFF**, and **86A0A0** is the 20% darker color. If you saturate the color by 10%, you get **A7D7D7**, and if you desaturate by 10%, it is **D2D7D7**.

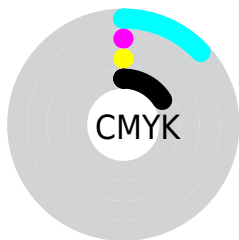
# Distribution



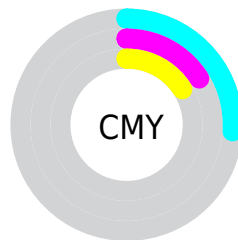
- Red (74%)
- Green (84%)
- Blue (84%)



- Red (74%)
- Yellow (79%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (16%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCD7D7 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 BCD7D7 by changing the saturation by 10% instead.



 BCD7D7

FFFFFF

 F4FFFF

 BCD7D7

 A1BBBB

 86A0A0

 6D8686

 546D6D

 3D5455

 263D3E

 102728

 001313

 000000

 BCD7D7

 BCD7D7

 A7D7D7

 D2D7D7

 91D7D7

 E7D7D7

 7CD7D7

 FDD7D7

 66D7D7

 FFD7D7

 51D7D7

 3BD7D7

 25D7D7

 10D7D7

 00D7D7

# Harmonies

## Analogous

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



C0D7CE



BCD7D7



BED6DF

# Triad

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



BCD7D7



DACEDD



DDD0C0

# Complementary

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



BCD7D7



D7BCBC

# 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.



E3CDC5



BCD7D7



E2CCD5

# Square

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



BCD7D7



CFD1E2



E5CCCC



D3D3C1

# Rectangle

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



BCD7D7



C2D4E2



E5CCCC



DFCFC1



# Sweetspot

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



BCD7D7



F5FFFF



BCD7BC



798080



000000



808080



# Same Dimension

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



BCD7D7



D9FFFF



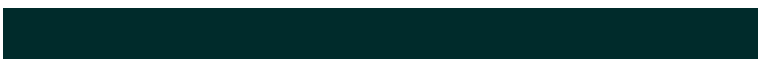
BCCAD7



606B6B



00ABAB



002B2B



# Inverse Universe

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



D7BCD7



FFD9FF



D7CABC



6B606B



AB00AB

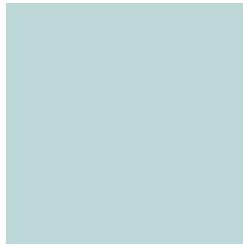


2B002B



# Previews

## White Background



This preview shows how the Hex color BCD7D7 looks on a white background.

## Color Contrast Check

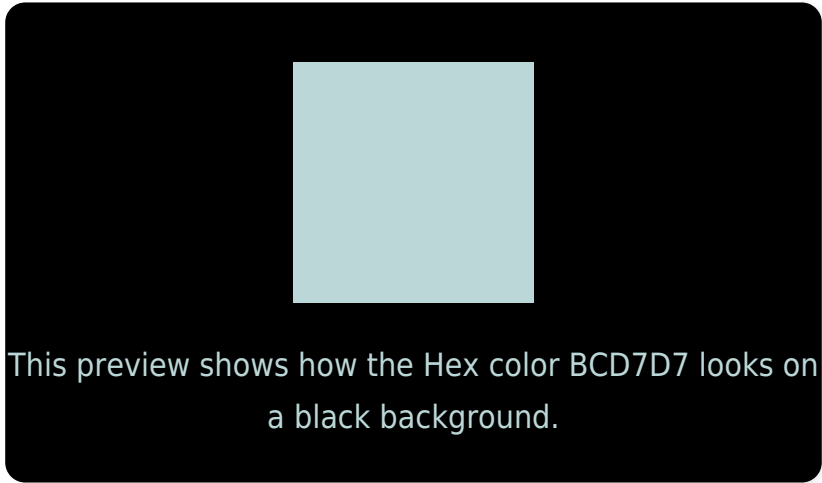
Large Text (above 18pt) WCAG AA × Fail

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

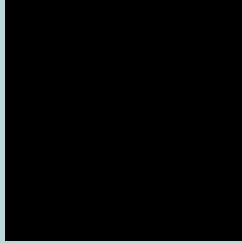
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

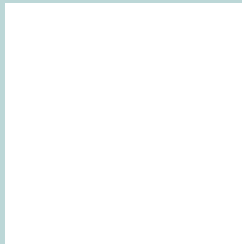
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCD7D7 Background



This preview shows how black text looks on a background with the Hex color BCD7D7.

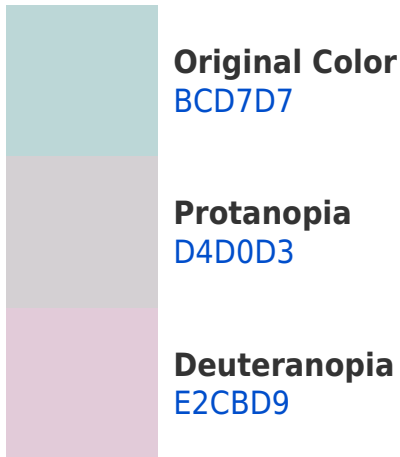


This preview shows how white text looks on a background with the Hex color BCD7D7.

# 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](#).

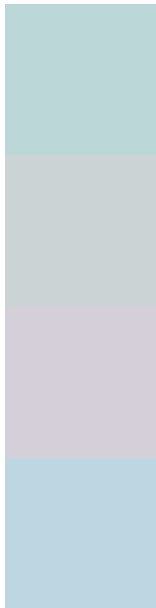
## Dichromacy





**Tritanopia**  
BFD5E6

# Trichromacy



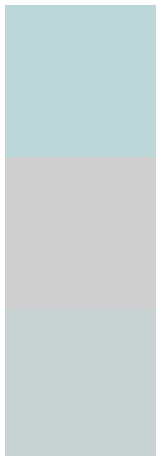
**Original Color**  
BCD7D7

**Protanomaly**  
CBD3D4

**Deuteranomaly**  
D4CFD8

**Tritanomaly**  
BED6E1

# Monochromacy



**Original Color**  
BCD7D7

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
C8D2D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCD7D7 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 #BCD7D7 looks like.

```
.text, #text, p{  
  color:#BCD7D7  
}
```

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 #BCD7D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD7D7
}
```

## Border

The CSS property to change the border of an element to Hex BCD7D7 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
#BCD7D7 }
```

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

```
.border{ border-color:#BCD7D7 }
```

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

Here you see how a box with a 4 pixel #BCD7D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD7D7; -webkit-box-shadow:4px 4px  
4px 4px #BCD7D7; box-shadow:4px 4px 4px  
4px #BCD7D7 }
```

# Background

The CSS property to change the background color of an element to Hex BCD7D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD7D7 }
```

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

```
.background{ background-color:#BCD7D7 }
```

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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