

# Converting Colors

Hex(B7D2D7)

Have a look what the booklet for  
Hex(B7D2D7) contains.

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# **Color**

**Hex(B7D2D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7D2D7
RGB	183, 210, 215
RGB Percent	72%, 82%, 84%
CMY	0.2824, 0.1765, 0.1569
CMYK	0.15, 0.02, 0.00, 0.16
HSL	189°, 29%, 78%
HSV	189°, 15%, 84%
XYZ	54.8408, 61.0668, 73.1866
YIQ	202.4970, -17.6970, -4.1690

# Conversions

## Conversions Part 2

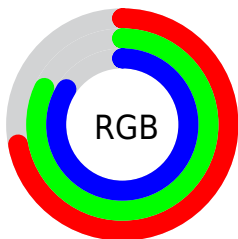
Format	Color
<b>RYB</b>	183, 198, 215
Decimal	12047063
CIELab	82.41, -7.95, -5.51
CIELCh	82, 9.673, 214.756
Yxy	61.0668, 0.2900, 0.3229
Android (android.graphics.Color)	4290237143 (0xFFB7D2D7)
YUV	202.4970, 6.1640, -17.0989
Hunter-Lab	78.1452, -11.4864, -0.8262

# Details

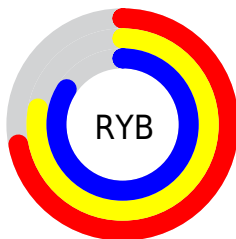
The Hex color **B7D2D7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D7BCB7**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFFF**, and **829CA0** is the 20% darker color. If you saturate the color by 10%, you get **A2CFD7**, and if you desaturate by 10%, it is **CDD5D7**.

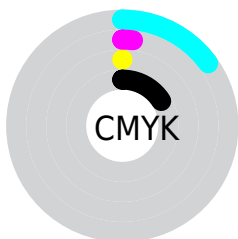
# Distribution



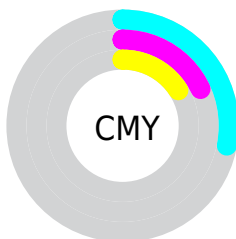
- Red (72%)
- Green (82%)
- Blue (84%)



- Red (72%)
- Yellow (78%)
- Blue (84%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (18%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7D2D7 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 B7D2D7 by changing the saturation by 10% instead.



 B7D2D7

 B7D2D7

FFFFFF

 9CB6BB

 EFFFFFF

 829CA0

 688286

 50686D

 385055

 22393D

 0B2428

 000F13

 000000

 B7D2D7

 B7D2D7

 A2CFD7

 CDD5D7

 8CCBD7

 E2D9D7

 76C8D7

 F8DCD7

 61C5D7

 FDFD7

 4CC1D7

 FFE3D7

 36BED7

 FFE6D7

 21BAD7

 FFEAD7

 0BB7D7

 FFEDD7

 00B5D7

 FFF0D7

# Harmonies

## Analogous

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



B8D3CE



B7D2D7



BCD0DD

# Triad

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



B7D2D7



DAC8D5



D3CDBB

# Complementary

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



B7D2D7



D7BCB7

# 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.



DCCABD



B7D2D7



E0C7CC

# Square

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



B7D2D7



D1CADC



E1C8C3



C9D0BE

# Rectangle

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



B7D2D7



C2CEDF



E1C8C3



D6CCBB



# Sweetspot

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



B7D2D7



F5FDFF



B7D7BC



797F80



000000



808080

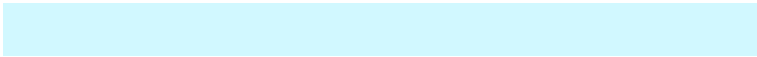


# Same Dimension

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



B7D2D7



D1F8FF



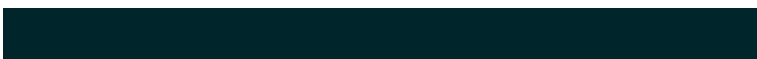
B7C2D7



60696B



0090AB



00252B



# Inverse Universe

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



D7B7D2



FFD1F8



D7CCB7



6B6069



AB0090

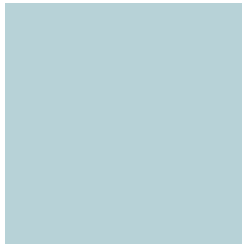


2B0025



# Previews

## White Background



This preview shows how the Hex color B7D2D7 looks on a white background.

## Color Contrast Check

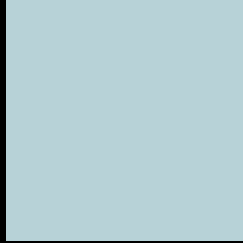
Large Text (above 18pt) WCAG AA × Fail

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 B7D2D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

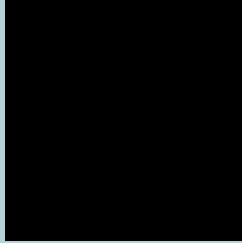
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

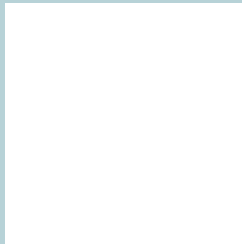
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7D2D7 Background



This preview shows how black text looks on a background with the Hex color B7D2D7.

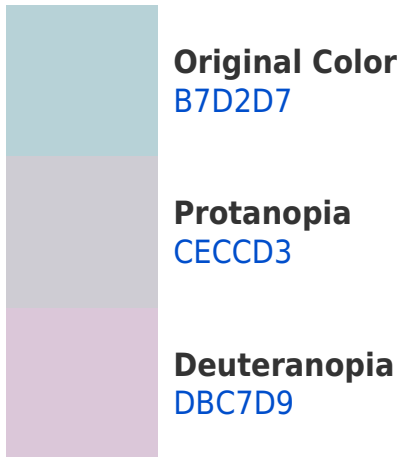


This preview shows how white text looks on a background with the Hex color B7D2D7.

# 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



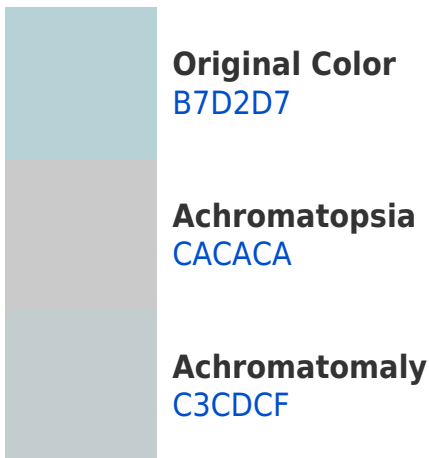


**Tritanopia**  
B9D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7D2D7 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 #B7D2D7 looks like.

```
.text, #text, p{  
    color:#B7D2D7  
}
```

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 #B7D2D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D2D7  
}
```

## Border

The CSS property to change the border of an element to Hex B7D2D7 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  
#B7D2D7 }
```

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

```
.border{ border-color:#B7D2D7 }
```

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

Here you see how a box with a 4 pixel #B7D2D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D2D7; -webkit-box-shadow:4px 4px  
4px 4px #B7D2D7; box-shadow:4px 4px 4px  
4px #B7D2D7 }
```

# Background

The CSS property to change the background color of an element to Hex B7D2D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D2D7 }
```

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

```
.background{ background-color:#B7D2D7 }
```

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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