

Converting Colors

Hex(B7D8DD)

Have a look what the booklet for
Hex(B7D8DD) contains.

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Color

Hex(B7D8DD)

Conversions

Conversions Part 1

Format	Color
Hex	B7D8DD
RGB	183, 216, 221
RGB Percent	72%, 85%, 87%
CMY	0.2824, 0.1529, 0.1333
CMYK	0.17, 0.02, 0.00, 0.13
HSL	188°, 36%, 79%
HSV	188°, 17%, 87%
XYZ	57.1355, 64.3995, 77.8256
YIQ	206.7030, -21.2730, -5.4410

Conversions

Conversions Part 2

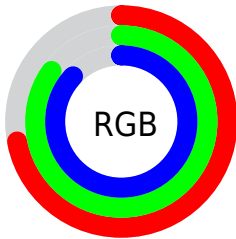
Format	Color
R _{YB}	183, 201, 221
Decimal	12048605
CIE Lab	84.17, -9.80, -6.11
CIE LCh	84, 11.548, 211.931
Yxy	64.3995, 0.2866, 0.3230
Android (android.graphics.Color)	4290238685 (0xFFB7D8DD)
YUV	206.7030, 7.0484, -20.7875
Hunter-Lab	80.2493, -13.3488, -1.3248

Details

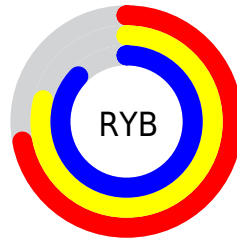
The Hex color **B7D8DD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DDBC77**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFFF**, and **81A1A6** is the 20% darker color. If you saturate the color by 10%, you get **A1D5DD**, and if you desaturate by 10%, it is **CDDDBD**.

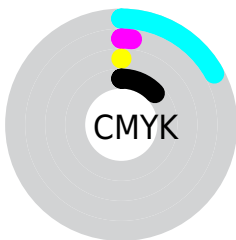
Distribution



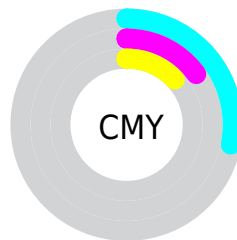
- Red (72%)
- Green (85%)
- Blue (87%)



- Red (72%)
- Yellow (79%)
- Blue (87%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (28%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7D8DD 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 B7D8DD by changing the saturation by 10% instead.

 B7D8DD

FFFFFF

 EFFFFFF

 B7D8DD

 9CBCC1

 81A1A6

 68878C

 4F6E72

 37555A

 203E42

 08282C

 001418

 000000

 B7D8DD

 B7D8DD

 A1D5DD

 CDD8DD

 8BD2DD

 E3DEDD

 75CFDD

 F9E1DD

 5FCCDD

 FFE4DD

 49C9DD

 FFE7DD

 32C7DD

 FFE9DD

 1CC4DD

 FFECDD

 06C1DD

 FFEFDD

 00C0DD

 FFF2DD

Harmonies

Analogous

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



B9D9D2



B7D8DD



BCD6E5

Triad

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



B7D8DD



E1CCDC



DAD1BC

Complementary

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



B7D8DD



DDBC7

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.



E4CEBF



B7D8DD



E8CBD2

Square

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



B7D8DD



D5CFE4



E9CBC7



CED5BF

Rectangle

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



B7D8DD



C3D4E7



E9CBC7



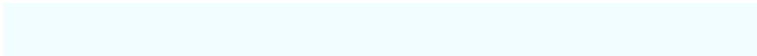
DED0BD

Sweetspot

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



B7D8DD



F2FDFF



B7DDBB



787E80



000000



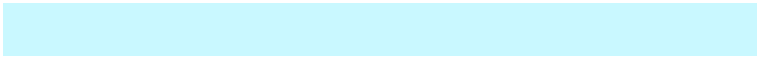
808080

Same Dimension

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



B7D8DD



C9F8FF



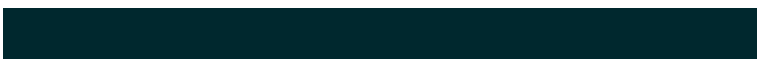
B7C6DD



636C6E



0097AD



00282E

Inverse Universe

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



DDB7D8



FFC9F8



DDCEB7



6E636C



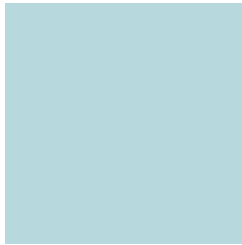
AD0097



2E0028

Previews

White Background



This preview shows how the Hex color B7D8DD looks on a white background.

Color Contrast Check

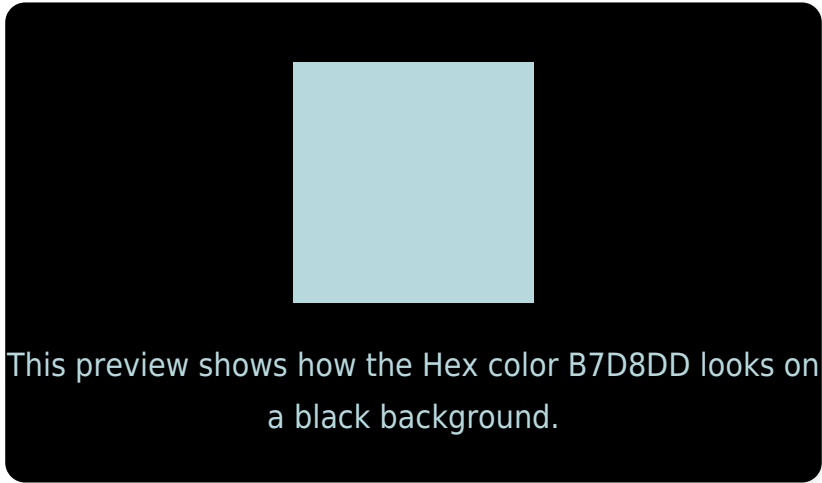
Large Text (above 18pt) WCAG AA × Fail

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

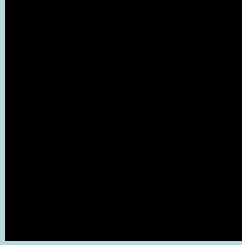
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

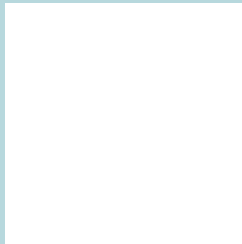
Any Text WCAG AAA ✓ Pass

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

Hex B7D8DD Background



This preview shows how black text looks on a background with the Hex color B7D8DD.

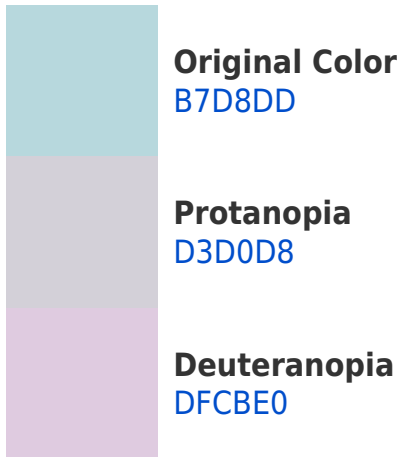


This preview shows how white text looks on a background with the Hex color B7D8DD.

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](#).

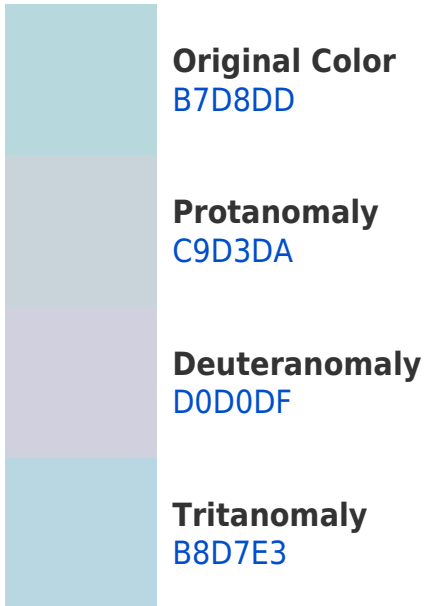
Dichromacy



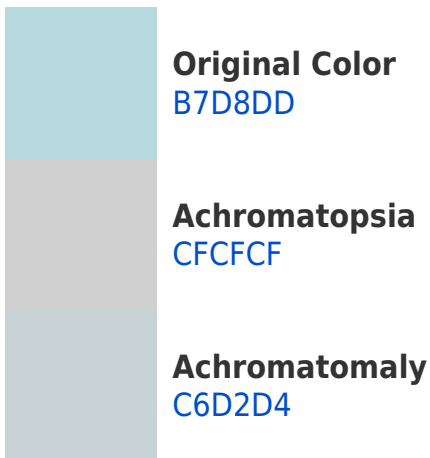


Tritanopia
B9D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7D8DD 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 #B7D8DD looks like.

```
.text, #text, p{  
    color:#B7D8DD  
}
```

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 #B7D8DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D8DD
}
```

Border

The CSS property to change the border of an element to Hex B7D8DD 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
#B7D8DD }
```

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

```
.border{ border-color:#B7D8DD }
```

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

Here you see how a box with a 4 pixel #B7D8DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D8DD; -webkit-box-shadow:4px 4px  
4px 4px #B7D8DD; box-shadow:4px 4px 4px  
4px #B7D8DD }
```

Background

The CSS property to change the background color of an element to Hex B7D8DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D8DD }
```

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

```
.background{ background-color:#B7D8DD }
```

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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