

Converting Colors

Hex(B2D2DD)

Have a look what the booklet for
Hex(B2D2DD) contains.

Hex(B2D2DD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2D2DD)

Conversions

Conversions Part 1

Format	Color
Hex	B2D2DD
RGB	178, 210, 221
RGB Percent	70%, 82%, 87%
CMY	0.3020, 0.1765, 0.1333
CMYK	0.19, 0.05, 0.00, 0.13
HSL	195°, 39%, 78%
HSV	195°, 19%, 87%
XYZ	54.4578, 60.7786, 77.2678
YIQ	201.6860, -22.6030, -3.3630

Conversions

Conversions Part 2

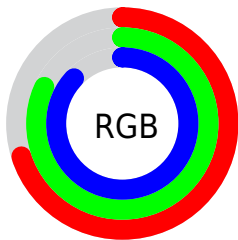
Format	Color
R _{YB}	178, 196, 221
Decimal	11719389
CIE Lab	82.26, -8.25, -8.98
CIE LCh	82, 12.194, 227.424
Yxy	60.7786, 0.2829, 0.3157
Android (android.graphics.Color)	4289909469 (0xFFB2D2DD)
YUV	201.6860, 9.5218, -20.7726
Hunter-Lab	77.9606, -11.7436, -4.1907

Details

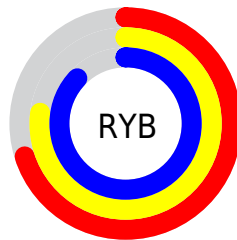
The Hex color **B2D2DD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DDBDB2**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **EAAAAA**, and **7D9CA6** is the 20% darker color. If you saturate the color by 10%, you get **9CCDD**, and if you desaturate by 10%, it is **C8D8DD**.

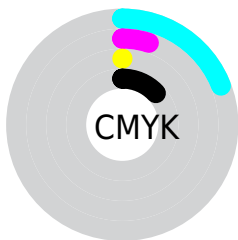
Distribution



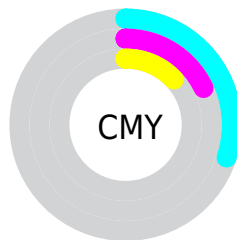
- Red (70%)
- Green (82%)
- Blue (87%)



- Red (70%)
- Yellow (77%)
- Blue (87%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (30%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2D2DD 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 B2D2DD by changing the saturation by 10% instead.

 B2D2DD

FFFFFF

 EAFFFF

 B2D2DD

 97B6C1

 7D9CA6

 63828C

 4A6872

 33505A

 1B3942

 03242C

 000F18

 000000

 B2D2DD

 B2D2DD

 9CCCDD

 C8D8DD

 86C7DD

 DEDDDD

 70C1DD

 F4E3DD

 5ABBDD

 FFE9DD

 44B6DD

 FFEEDD

 2DB0DD

 FFF4DD

 17AADD

 FFFADD

 01A5DD

 FFFFDD

 00A4DD

Harmonies

Analogous

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



B0D3D3



B2D2DD



BBCFE3

Triad

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



B2D2DD



E1C5D2



CFCEB7

Complementary

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



B2D2DD



DDBDB2

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.



DBCAB7



B2D2DD



E5C5C6

Square

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



B2D2DD



D7C8DC



E3C7BC



C2D1BD

Rectangle

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



B2D2DD



C4CDE3



E3C7BC



D3CDB6

Sweetspot

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



B2D2DD



F0FBFF



B2DDBD



777D80



000000



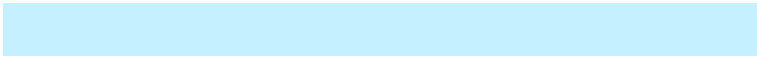
808080

Same Dimension

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



B2D2DD



C4F0FF



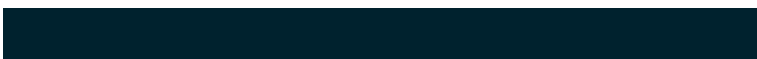
B2BDDD



636B6E



0081AD



00222E

Inverse Universe

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



DDB2D2



FFC4F0



DDD2B2



6E636B



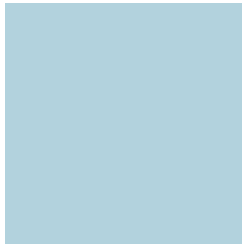
AD0081



2E0022

Previews

White Background



This preview shows how the Hex color B2D2DD looks on a white background.

Color Contrast Check

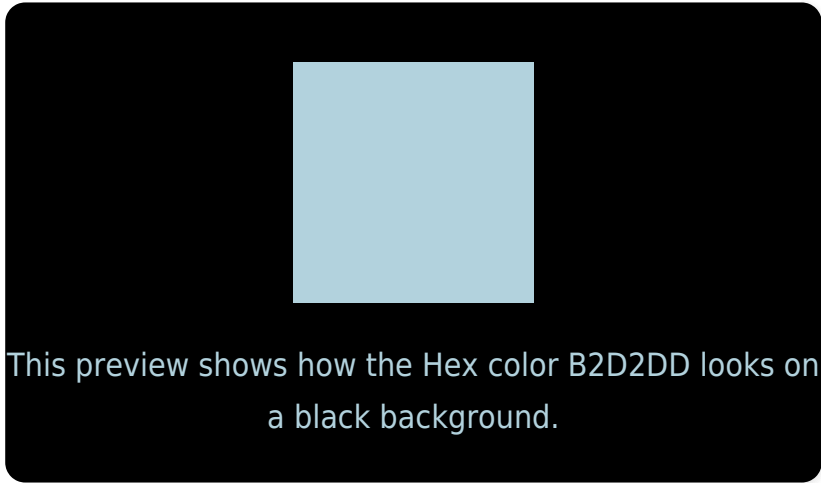
Large Text (above 18pt) WCAG AA × Fail

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

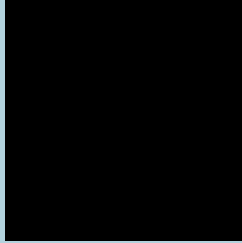
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

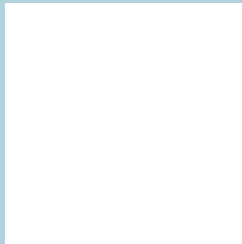
Any Text WCAG AAA ✓ Pass

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

Hex B2D2DD Background



This preview shows how black text looks on a background with the Hex color B2D2DD.

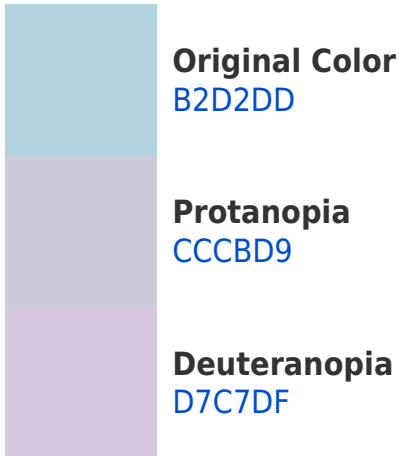


This preview shows how white text looks on a background with the Hex color B2D2DD.

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](#).

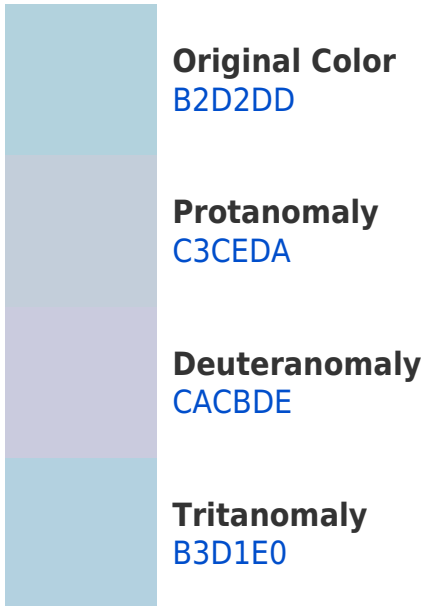
Dichromacy



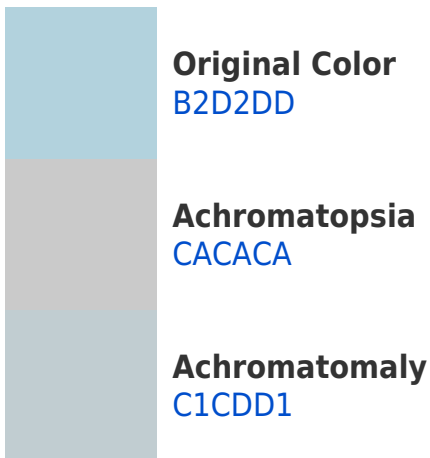


Tritanopia
B3D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2D2DD 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 #B2D2DD looks like.

```
.text, #text, p{  
    color:#B2D2DD  
}
```

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 #B2D2DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D2DD  
}
```

Border

The CSS property to change the border of an element to Hex B2D2DD 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  
#B2D2DD }
```

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

```
.border{ border-color:#B2D2DD }
```

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

Here you see how a box with a 4 pixel #B2D2DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D2DD; -webkit-box-shadow:4px 4px  
4px 4px #B2D2DD; box-shadow:4px 4px 4px  
4px #B2D2DD }
```

Background

The CSS property to change the background color of an element to Hex B2D2DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D2DD }
```

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

```
.background{ background-color:#B2D2DD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor