

# Converting Colors

Hex(B3D0DD)

Have a look what the booklet for  
Hex(B3D0DD) contains.

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# **Color**

**Hex(B3D0DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3D0DD
RGB	179, 208, 221
RGB Percent	70%, 82%, 87%
CMY	0.2980, 0.1843, 0.1333
CMYK	0.19, 0.06, 0.00, 0.13
HSL	199°, 38%, 78%
HSV	199°, 19%, 87%
XYZ	54.1974, 59.9159, 77.1150
YIQ	200.8110, -21.4570, -2.1050

# Conversions

## Conversions Part 2

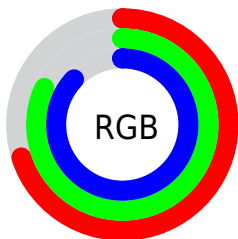
Format	Color
R <sub>Y</sub> B	179, 196, 221
Decimal	11784413
CIE Lab	81.79, -6.90, -9.67
CIE LCh	82, 11.877, 234.484
Yxy	59.9159, 0.2834, 0.3133
Android (android.graphics.Color)	4289974493 (0xFFB3D0DD)
YUV	200.8110, 9.9532, -19.1282
Hunter-Lab	77.4054, -10.4779, -4.8839

# Details

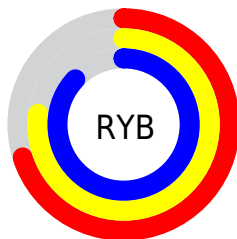
The Hex color **B3D0DD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DDC0B3**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **EBFFFF**, and **7E9AA6** is the 20% darker color. If you saturate the color by 10%, you get **9DC9DD**, and if you desaturate by 10%, it is **C9D7DD**.

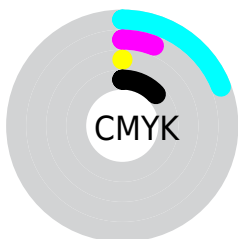
# Distribution



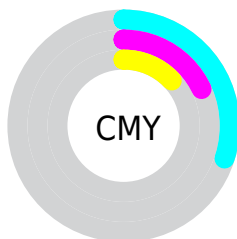
- Red (70%)
- Green (82%)
- Blue (87%)



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



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B3D0DD 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 B3D0DD by changing the saturation by 10% instead.





B3D0DD



B3D0DD

FFFFFF



98B4C1



EBFFFF



7E9AA6



64808C



4C6772



344F5A



1D3842



04222C



000D18



000000

 B3D0DD

 B3D0DD

 9DC9DD

 C9D7DD

 87C2DD

 DFDEDD

 71BBDD

 F5E5DD

 5BB5DD

 FFEBDD

 45AEDD

 FFF2DD

 2EA7DD

 FFF9DD

 18A0DD

 FFFFDD

 0299DD

 0099DD

# Harmonies

## Analogous

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



B0D2D4



B3D0DD



BDCDE1

# Triad

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



B3D0DD



E1C4CE



CACDB7

# Complementary

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



B3D0DD



DDC0B3

# 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.



D7CAB5



B3D0DD



E4C4C3

# Square

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



B3D0DD



D8C6D8



E0C6BA



BED0BE

# Rectangle

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



B3D0DD



C6CAE1



E0C6BA



CFCCB6

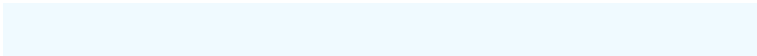


# Sweetspot

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



B3D0DD



F0FAFF



B3DDC0



777D80



000000



808080

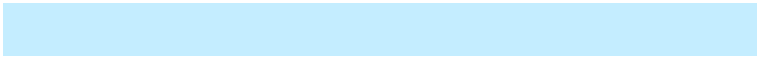


# Same Dimension

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



B3D0DD



C4EDFF



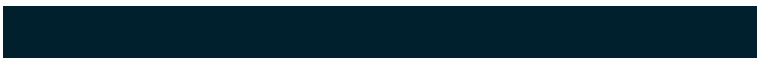
B3BBDD



636A6E



0078AD



00202E



# Inverse Universe

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



DDB3D0



FFC4ED



DDD5B3



6E636A



AD0078

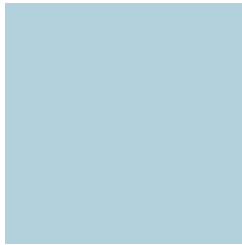


2E0020



# Previews

## White Background



This preview shows how the Hex color B3D0DD looks on a white background.

## Color Contrast Check

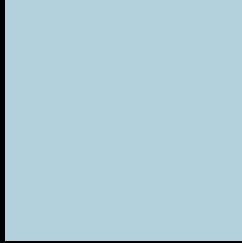
Large Text (above 18pt) WCAG AA × Fail

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 B3D0DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

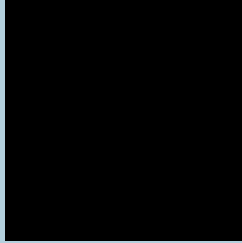
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

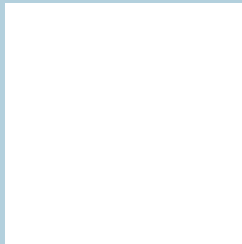
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3D0DD Background



This preview shows how black text looks on a background with the Hex color B3D0DD.

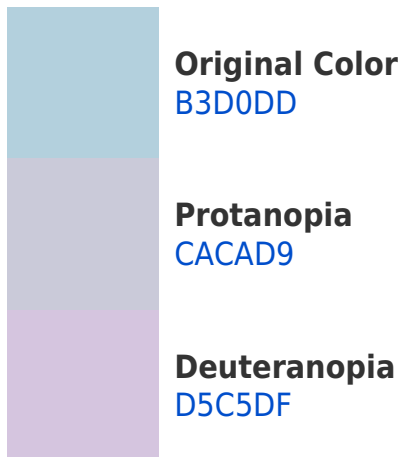


This preview shows how white text looks on a background with the Hex color B3D0DD.

# 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](#).

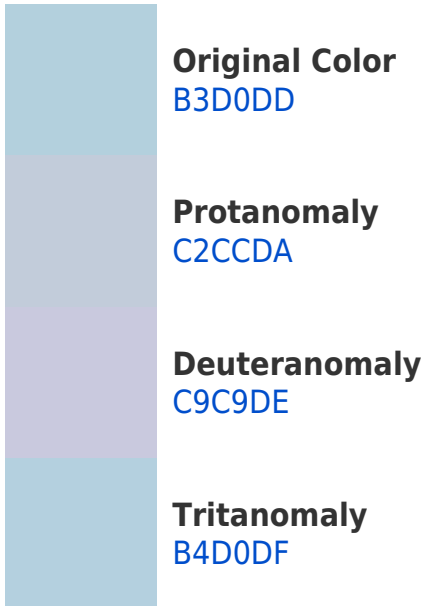
## Dichromacy



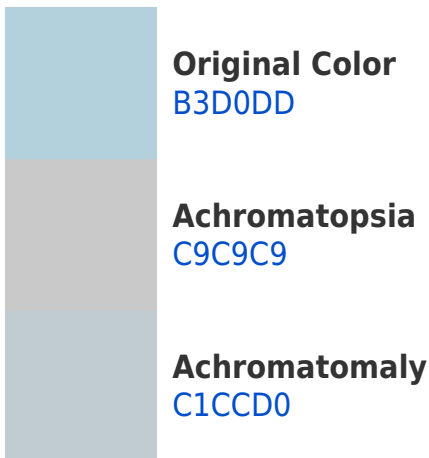


**Tritanopia**  
B4D0E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3D0DD 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 #B3D0DD looks like.

```
.text, #text, p{  
    color:#B3D0DD  
}
```

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 #B3D0DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D0DD }  
}
```

## Border

The CSS property to change the border of an element to Hex B3D0DD 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 #B3D0DD }  
}
```

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

```
.border{ border-color:#B3D0DD }
```

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

Here you see how a box with a 4 pixel #B3D0DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D0DD; -webkit-box-shadow:4px 4px  
4px 4px #B3D0DD; box-shadow:4px 4px 4px  
4px #B3D0DD }
```

# Background

The CSS property to change the background color of an element to Hex B3D0DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D0DD }
```

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

```
.background{ background-color:#B3D0DD }
```

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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