

Converting Colors

Hex(B3DBDD)

Have a look what the booklet for
Hex(B3DBDD) contains.

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Color

Hex(B3DBDD)

Conversions

Conversions Part 1

Format	Color
Hex	B3DBDD
RGB	179, 219, 221
RGB Percent	70%, 86%, 87%
CMY	0.2980, 0.1412, 0.1333
CMYK	0.19, 0.01, 0.00, 0.13
HSL	183°, 38%, 78%
HSV	183°, 19%, 87%
XYZ	56.9731, 65.4672, 78.0402
YIQ	207.2680, -24.4820, -7.8580

Conversions

Conversions Part 2

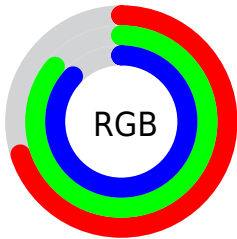
Format	Color
RYB	179, 199, 221
Decimal	11787229
CIELab	84.72, -12.57, -5.32
CIELCh	85, 13.655, 202.944
Yxy	65.4672, 0.2842, 0.3266
Android (android.graphics.Color)	4289977309 (0xFFB3DBDD)
YUV	207.2680, 6.7699, -24.7910
Hunter-Lab	80.9118, -15.9070, -0.5475

Details

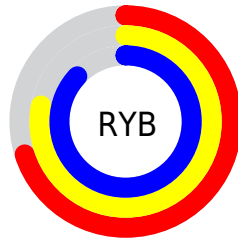
The Hex color **B3DBDD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DDB5B3**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **EBFFFF**, and **7DA4A6** is the 20% darker color. If you saturate the color by 10%, you get **9DDADD**, and if you desaturate by 10%, it is **C9DCDD**.

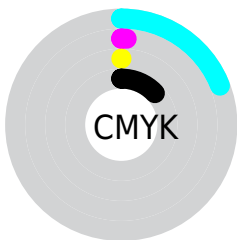
Distribution



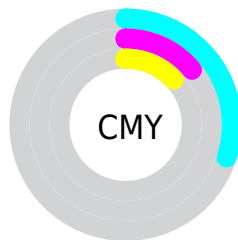
- Red (70%)
- Green (86%)
- Blue (87%)



- Red (70%)
- Yellow (78%)
- Blue (87%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (30%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3DBDD 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 B3DBDD by changing the saturation by 10% instead.

 B3DBDD

FFFFFF

 EBFFFF

 B3DBDD

 98BFC1

 7DA4A6

 648A8C

 4B7072

 33585A

 1B4042

 012A2C

 001718

 000000

 B3DBDD

 B3DBDD

 9DDADD

 C9DCDD

 87D9DD

 DFDDDD

 71D8DD

 F5DEDD

 5BD7DD

 FFDFFD

 45D6DD

 FFE0DD

 2ED5DD

 FFE1DD

 18D4DD

 FFE2DD

 02D3DD

 FFE3DD

 00D2DD

 FFE4DD

Harmonies

Analogous

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



B8DBD0



B3DBDD



B7D9E8

Triad

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



B3DBDD



E2CDE3



E1D2BA

Complementary

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



B3DBDD



DDB5B3

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.



EBCEBF



B3DBDD



ECCBD7

Square

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



B3DBDD



D2D1EB



EFCBCA



D3D6BC

Rectangle

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



B3DBDD



BED7EC



EFCBCA



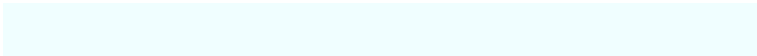
E5D0BB

Sweetspot

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



B3DBDD



F0FEFF



B3DDB4



777F80



000000



808080

Same Dimension

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



B3DBDD



C4FCFF



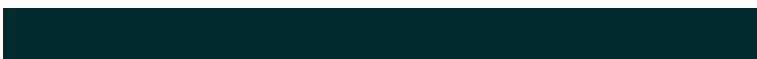
B3C7DD



636D6E



00A5AD



002C2E

Inverse Universe

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



DDB3DB



FFC4FC



DDC9B3



6E636D



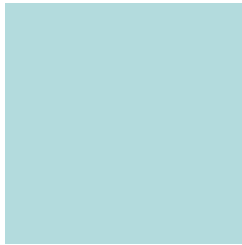
AD00A5



2E002C

Previews

White Background



This preview shows how the Hex color B3DBDD looks on a white background.

Color Contrast Check

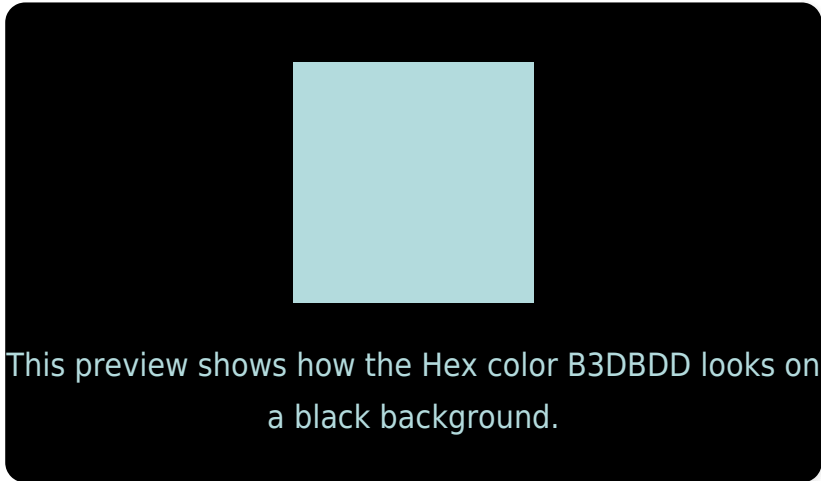
Large Text (above 18pt) WCAG AA × Fail

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

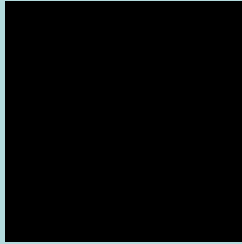
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

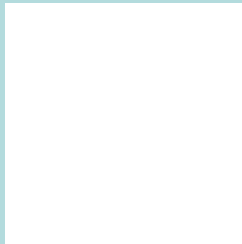
Any Text WCAG AAA ✓ Pass

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

Hex B3DBDD Background



This preview shows how black text looks on a background with the Hex color B3DBDD.



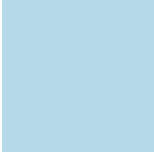
This preview shows how white text looks on a background with the Hex color B3DBDD.

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](#).

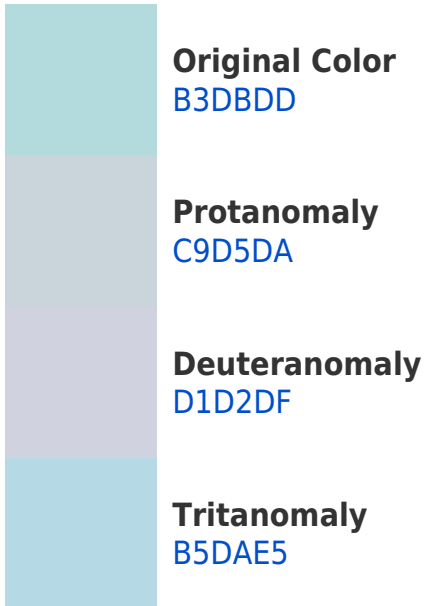
Dichromacy



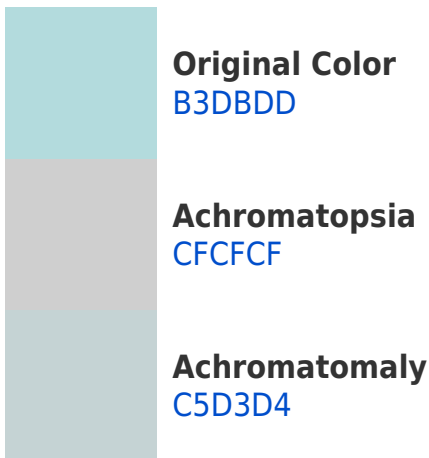


Tritanopia
B6D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3DBDD 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 #B3DBDD looks like.

```
.text, #text, p{  
    color:#B3DBDD  
}
```

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 #B3DBDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3DBDD
}
```

Border

The CSS property to change the border of an element to Hex B3DBDD 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
#B3DBDD }
```

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

```
.border{ border-color:#B3DBDD }
```

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

Here you see how a box with a 4 pixel #B3DBDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3DBDD; -webkit-box-shadow:4px 4px  
4px 4px #B3DBDD; box-shadow:4px 4px 4px  
4px #B3DBDD }
```

Background

The CSS property to change the background color of an element to Hex B3DBDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3DBDD }
```

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

```
.background{ background-color:#B3DBDD }
```

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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