

Converting Colors

Hex(B7DDC0)

Have a look what the booklet for
Hex(B7DDC0) contains.

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Color

Hex(B7DDC0)

Conversions

Conversions Part 1

Format	Color
Hex	B7DDC0
RGB	183, 221, 192
RGB Percent	72%, 87%, 75%
CMY	0.2824, 0.1333, 0.2471
CMYK	0.17, 0.00, 0.13, 0.13
HSL	134°, 36%, 79%
HSV	134°, 17%, 87%
XYZ	54.8993, 65.5860, 59.6350
YIQ	206.3320, -13.3390, -17.0750

Conversions

Conversions Part 2

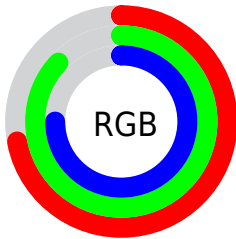
Format	Color
R _Y B	183, 214, 221
Decimal	12049856
CIE Lab	84.78, -18.02, 10.13
CIE LCh	85, 20.669, 150.647
Yxy	65.5860, 0.3048, 0.3641
Android (android.graphics.Color)	4290239936 (0xFFB7DDC0)
YUV	206.3320, -7.0657, -20.4622
Hunter-Lab	80.9852, -20.7200, 13.0302

Details

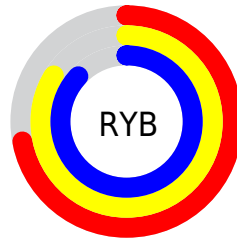
The Hex color **B7DDC0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DDB7D4**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFFFF8**, and **82A68B** is the 20% darker color. If you saturate the color by 10%, you get **A1DDAF**, and if you desaturate by 10%, it is **CDDDD1**.

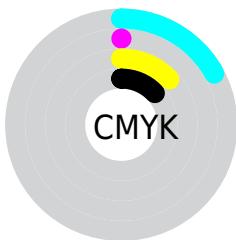
Distribution



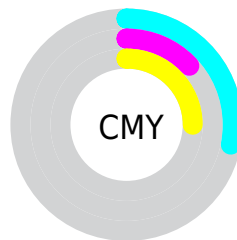
- Red (72%)
- Green (87%)
- Blue (75%)



- Red (72%)
- Yellow (84%)
- Blue (87%)



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



- Cyan (28%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7DDC0 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 B7DDC0 by changing the saturation by 10% instead.

 B7DDC0

FFFFFF

 EFFFF8

 B7DDC0

 9CC1A5

 82A68B

 688B71

 4F7259

 385941

 21422B

 0A2B16

 001800

 000000

 B7DDC0

 B7DDC0

 A1DDAF

 CDDDD1

 8BDD9E

 E3DDE2

 75DD8D

 F9DDF3

 5FDD7D

 FFDDFF

 49DD6C

 32DD5B

 1CDD4A

 06DD39

 00DD34

Harmonies

Analogous

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



CDD9B2



B7DDC0



A6DFD3

Triad

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



B7DDC0



BED5FA



FCC7C1

Complementary

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



B7DDC0



DDB7D4

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.



FAC6D4



B7DDC0



D8CFF5

Square

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



B7DDC0



A9DBF5



EEC9E7



F3CCB2

Rectangle

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



B7DDC0



A0DFE1



EEC9E7



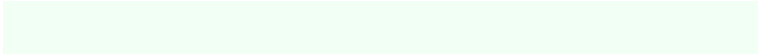
FDC7C7

Sweetspot

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



B7DDC0



F2FFF5



D4DDB7



78807A



000000



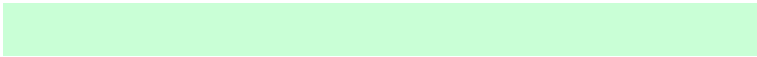
808080

Same Dimension

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



B7DDC0



C9FFD6



B7DDD3



636E65



00AD29



002E0B

Inverse Universe

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



DDB7D4



FFC9F2



DDB7C1



6E636B



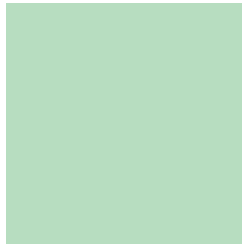
AD0084



2E0023

Previews

White Background



This preview shows how the Hex color B7DDC0 looks on a white background.

Color Contrast Check

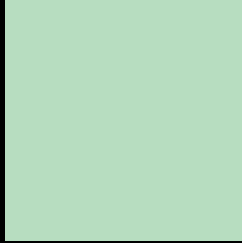
Large Text (above 18pt) WCAG AA × Fail

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 B7DDC0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

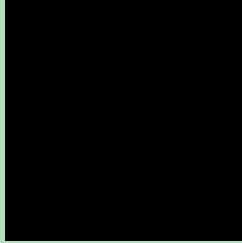
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

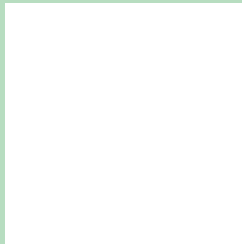
Any Text WCAG AAA ✓ Pass

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

Hex B7DDC0 Background



This preview shows how black text looks on a background with the Hex color B7DDC0.

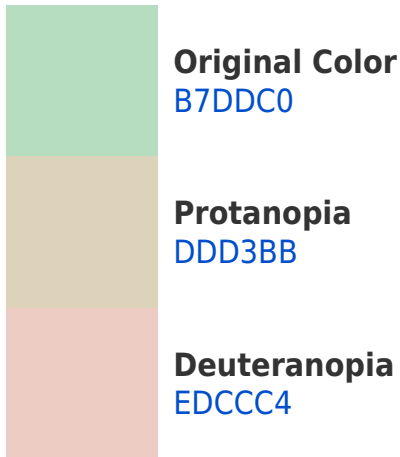


This preview shows how white text looks on a background with the Hex color B7DDC0.

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



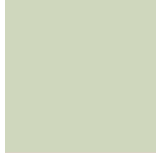


Tritanopia
BED7E8

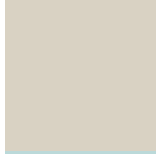
Trichromacy



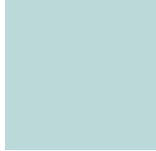
Original Color
B7DDC0



Protanomaly
CFD7BD

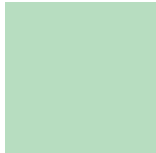


Deuteranomaly
D9D2C3

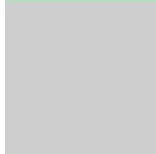


Tritanomaly
BBD9D9

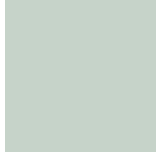
Monochromacy



Original Color
B7DDC0



Achromatopsia
CECECE



Achromatomaly
C6D3C9

CSS Examples

Text

The CSS property to change the color of the text to Hex B7DDC0 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 #B7DDC0 looks like.

```
.text, #text, p{  
    color:#B7DDC0  
}
```

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 #B7DDC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7DDC0  
}
```

Border

The CSS property to change the border of an element to Hex B7DDC0 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  
#B7DDC0 }
```

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

```
.border{ border-color:#B7DDC0 }
```

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

Here you see how a box with a 4 pixel #B7DDC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7DDC0; -webkit-box-shadow:4px 4px  
4px 4px #B7DDC0; box-shadow:4px 4px 4px  
4px #B7DDC0 }
```

Background

The CSS property to change the background color of an element to Hex B7DDC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7DDC0 }
```

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

```
.background{ background-color:#B7DDC0 }
```

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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