

Converting Colors

Hex(B7DDDD4)

Have a look what the booklet for
Hex(B7DDD4) contains.

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Color

Hex(B7DDD4)

Conversions

Conversions Part 1

Format	Color
Hex	B7DDD4
RGB	183, 221, 212
RGB Percent	72%, 87%, 83%
CMY	0.2824, 0.1333, 0.1686
CMYK	0.17, 0.00, 0.04, 0.13
HSL	166°, 36%, 79%
HSV	166°, 17%, 87%
XYZ	57.2686, 66.5336, 72.1113
YIQ	208.6120, -19.7590, -10.8550

Conversions

Conversions Part 2

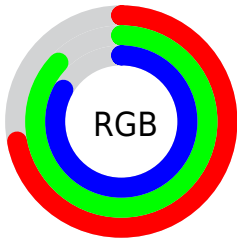
Format	Color
R _{YB}	183, 205, 221
Decimal	12049876
CIE Lab	85.27, -14.19, 0.27
CIE LCh	85, 14.194, 178.920
Yxy	66.5336, 0.2923, 0.3396
Android (android.graphics.Color)	4290239956 (0xFFB7DDD4)
YUV	208.6120, 1.6703, -22.4617
Hunter-Lab	81.5682, -17.4204, 4.6817

Details

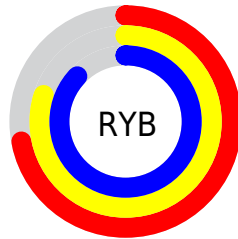
The Hex color **B7DDD4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DDB7C0**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFFFF**, and **81A69D** is the 20% darker color. If you saturate the color by 10%, you get **A1DDCF**, and if you desaturate by 10%, it is **CDDDD9**.

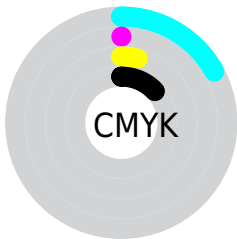
Distribution



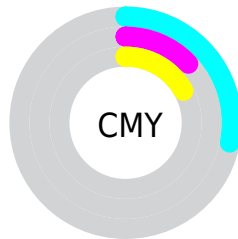
- Red (72%)
- Green (87%)
- Blue (83%)



- Red (72%)
- Yellow (80%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (28%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7DDD4 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 B7DDD4 by changing the saturation by 10% instead.

 B7DDD4

FFFFFF

 EFFFFFF

 B7DDD4

 9CC1B8

 81A69D

 688B83

 4F726A

 375952

 20423B

 092C26

 001811

 000000

 B7DDD4

 B7DDD4

 A1DDCF

 CDDDD9

 8BDDCA

 E3DDDE

 75DDC4

 F9DDE4

 5FDDBF

 FFDDE9

 49DDBA

 FFDDEE

 32DDB5

 FFDDF3

 1CDDAF

 FFDDF9

 06DDAA

 FFDDFE

 00DDA9

 FFDDFF

Harmonies

Analogous

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



C2DBC7



B7DDD4



B3DDE1

Triad

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



B7DDD4



D7D2EC



ECD0BF

Complementary

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



B7DDD4



DDB7C0

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.



F2CDC9



B7DDD4



E6CEE3

Square

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



B7DDD4



C6D6F0



F0CCD6



E1D4BA

Rectangle

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



B7DDD4



B6DBE9



F0CCD6



EFCEC1

Sweetspot

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



B7DDD4



F2FFFC



C1DDB7



78807E



000000



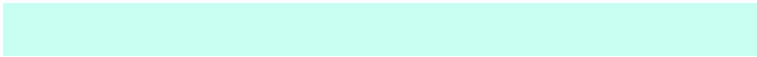
808080

Same Dimension

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



B7DDD4



C9FFF2



B7D4DD



636E6B



00AD84



002E23

Inverse Universe

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



DDB7C0



FFC9D6



DDC1B7



6E6365



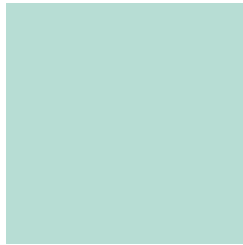
AD0029



2E000B

Previews

White Background



This preview shows how the Hex color B7DDD4 looks on a white background.

Color Contrast Check

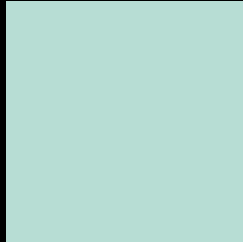
Large Text (above 18pt) WCAG AA × Fail

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 B7DDD4 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

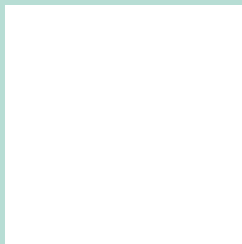
Any Text WCAG AAA ✓ Pass

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

Hex B7DDD4 Background



This preview shows how black text looks on a background with the Hex color B7DDD4.

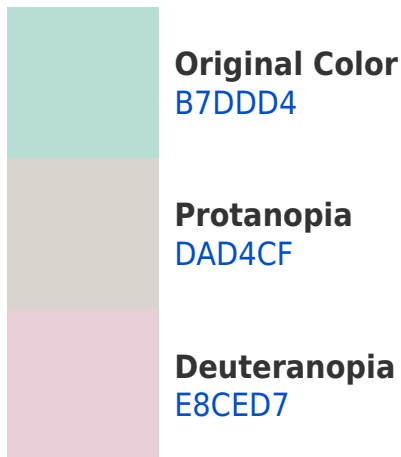


This preview shows how white text looks on a background with the Hex color B7DDD4.

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



Trichromacy



Original Color
B7DDD4

Protanomaly
CDD7D1

Deuteranomaly
D6D3D6

Tritanomaly
BADBE3

Monochromacy



Original Color
B7DDD4

Achromatopsia
D1D1D1

Achromatomaly
C8D5D2

CSS Examples

Text

The CSS property to change the color of the text to Hex B7DDD4 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 #B7DDD4 looks like.

```
.text, #text, p{  
    color:#B7DDD4  
}
```

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 #B7DDD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7DDD4
}
```

Border

The CSS property to change the border of an element to Hex B7DDD4 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
#B7DDD4 }
```

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

```
.border{ border-color:#B7DDD4 }
```

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

Here you see how a box with a 4 pixel #B7DDD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7DDD4; -webkit-box-shadow:4px 4px  
4px 4px #B7DDD4; box-shadow:4px 4px 4px  
4px #B7DDD4 }
```

Background

The CSS property to change the background color of an element to Hex B7DDD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7DDD4 }
```

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

```
.background{ background-color:#B7DDD4 }
```

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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