

Converting Colors

Hex(B6DDB0)

Have a look what the booklet for
Hex(B6DDB0) contains.

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Color

Hex(B6DDB0)

Conversions

Conversions Part 1

Format	Color
Hex	B6DDB0
RGB	182, 221, 176
RGB Percent	71%, 87%, 69%
CMY	0.2863, 0.1333, 0.3098
CMYK	0.18, 0.00, 0.20, 0.13
HSL	112°, 40%, 78%
HSV	112°, 20%, 87%
XYZ	52.9843, 64.7926, 50.7879
YIQ	204.2090, -8.7990, -22.2630

Conversions

Conversions Part 2

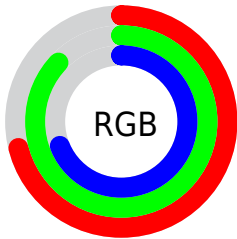
Format	Color
RYB	176, 221, 215
Decimal	11984304
CIELab	84.38, -21.16, 17.96
CIELCh	84, 27.749, 139.675
Yxy	64.7926, 0.3143, 0.3844
Android (android.graphics.Color)	4290174384 (0xFFB6DDB0)
YUV	204.2090, -13.9070, -19.4773
Hunter-Lab	80.4938, -23.3682, 18.9364

Details

The Hex color **B6DDB0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D7B0DD**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **EEFFE8**, and **81A67B** is the 20% darker color. If you saturate the color by 10%, you get **A3DD9A**, and if you desaturate by 10%, it is **C9DDC6**.

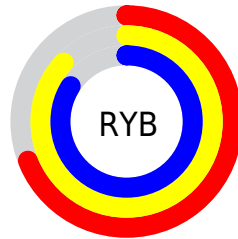
Distribution



Red (71%)

Green (87%)

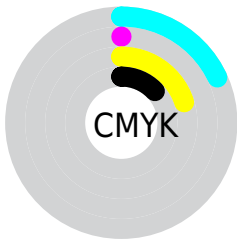
Blue (69%)



Red (69%)

Yellow (87%)

Blue (84%)

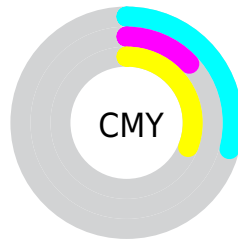


Cyan (18%)

Magenta (0%)

Yellow (20%)

Black (13%)



Cyan (29%)

Magenta (13%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6DDB0 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 B6DDB0 by changing the saturation by 10% instead.

 B6DDB0

FFFFFF

 EEFFE8

 B6DDB0

 9BC195

 81A67B

 678B62

 4E724A

 365933

 1F411E

 092B06

 001800

 000000

 B6DDB0

 B6DDB0

 A3DD9A

 C9DDC6

 90DD84

 DCDDDC

 7DDD6E

 EFDDF2

 69DD58

 FFDDFF

 56DD42

 43DD2B

 30DD15

 1DDD00

Harmonies

Analogous

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



D4D6A1



B6DDB0



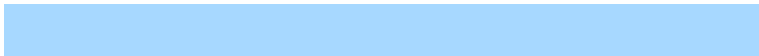
9AE1C8

Triad

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



B6DDB0



A7D8FF



FFC0C2

Complementary

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



B6DDB0



D7B0DD

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.



FFC1DD



B6DDB0



CBCFFF

Square

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



B6DDB0



8CDEFA



EBC6F5



FFC5AC

Rectangle

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



B6DDB0



8CE1DA



EBC6F5



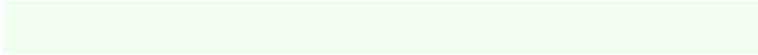
FFC0CB

Sweetspot

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



B6DDB0



F2FFF0



DDD7B0



788077



000000



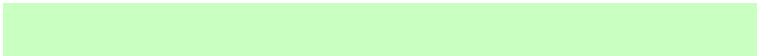
808080

Same Dimension

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



B6DDB0



CAFFC2



B0DDC1



646E63



17AD00



062E00

Inverse Universe

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



D7B0DD



F7C2FF



DDB0CC



6C636E



9600AD



28002E

Previews

White Background



This preview shows how the Hex color B6DDB0 looks on a white background.

Color Contrast Check

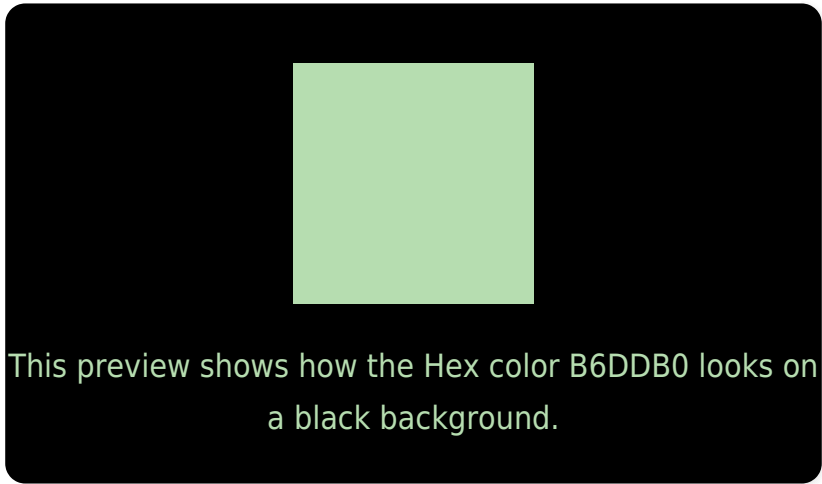
Large Text (above 18pt) WCAG AA × Fail

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

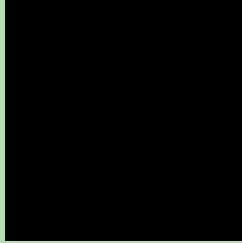
Any Text WCAG AA ✓ Pass

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 B6DDB0 Background



This preview shows how black text looks on a background with the Hex color B6DDB0.

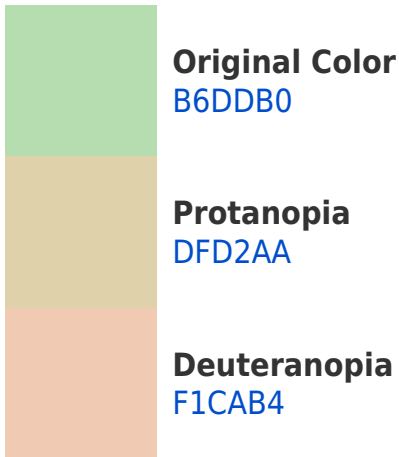


This preview shows how white text looks on a background with the Hex color B6DDB0.

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



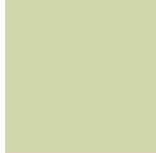


Tritanopia
BFD6E7

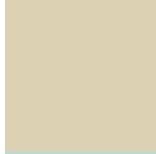
Trichromacy



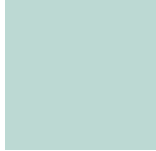
Original Color
B6DDB0



Protanomaly
D0D6AC



Deuteranomaly
DCD1B3

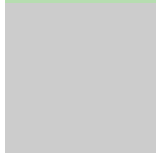


Tritanomaly
BCD9D3

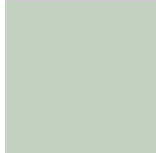
Monochromacy



Original Color
B6DDB0



Achromatopsia
CCCCCC



Achromatomaly
C4D2C2

CSS Examples

Text

The CSS property to change the color of the text to Hex B6DDB0 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 #B6DDB0 looks like.

```
.text, #text, p{  
    color:#B6DDB0  
}
```

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 #B6DDB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6DDB0
}
```

Border

The CSS property to change the border of an element to Hex B6DDB0 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
#B6DDB0 }
```

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

```
.border{ border-color:#B6DDB0 }
```

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

Here you see how a box with a 4 pixel #B6DDB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6DDB0; -webkit-box-shadow:4px 4px  
4px 4px #B6DDB0; box-shadow:4px 4px 4px  
4px #B6DDB0 }
```

Background

The CSS property to change the background color of an element to Hex B6DDB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6DDB0 }
```

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

```
.background{ background-color:#B6DDB0 }
```

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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