

Converting Colors

Hex(B7DBB4)

Have a look what the booklet for
Hex(B7DBB4) contains.

Hex(B7DBB4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B7DBB4)

Conversions

Conversions Part 1

Format	Color
Hex	B7DBB4
RGB	183, 219, 180
RGB Percent	72%, 86%, 71%
CMY	0.2824, 0.1412, 0.2941
CMYK	0.16, 0.00, 0.18, 0.14
HSL	115°, 35%, 78%
HSV	115°, 18%, 86%
XYZ	53.0982, 64.0256, 52.7396
YIQ	203.7900, -8.9370, -19.7610

Conversions

Conversions Part 2

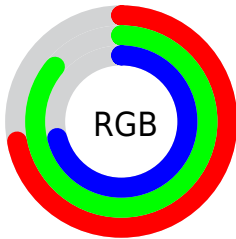
Format	Color
RYB	180, 219, 216
Decimal	12049332
CIELab	83.98, -19.15, 15.31
CIELCh	84, 24.515, 141.355
Yxy	64.0256, 0.3126, 0.3769
Android (android.graphics.Color)	4290239412 (0xFFB7DBB4)
YUV	203.7900, -11.7285, -18.2328
Hunter-Lab	80.0160, -21.5764, 16.9324

Details

The Hex color **B7DBB4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D8B4DB**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **EFFFEC**, and **82A47F** is the 20% darker color. If you saturate the color by 10%, you get **A3DB9E**, and if you desaturate by 10%, it is **CBDBCA**.

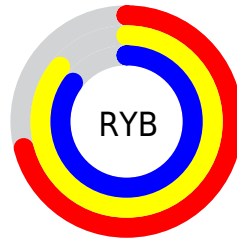
Distribution



Red (72%)

Green (86%)

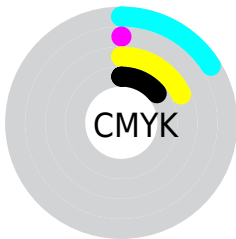
Blue (71%)



Red (71%)

Yellow (86%)

Blue (85%)

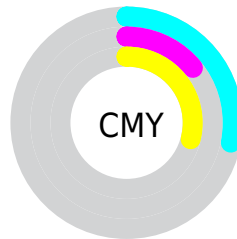


Cyan (16%)

Magenta (0%)

Yellow (18%)

Black (14%)



Cyan (28%)

Magenta (14%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7DBB4 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 B7DBB4 by changing the saturation by 10% instead.

 B7DBB4

FFFFFF

 EFFFEC

 B7DBB4

 9CBF99

 82A47F

 688A66

 4F704E

 385737

 214021

 0B2A0C

 001600

 000000

 B7DBB4

 B7DBB4

 A3DB9E

 CBDBCA

 8FDB88

 DFDBE0

 7ADB72

 F4DBF6

 66DB5C

 FFDBFF

 52DB47

 3EDB31

 29DB1B

 15DB05

 11DB00

Harmonies

Analogous

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



D1D5A6



B7DBB4



9FDECA

Triad

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



B7DBB4



AED6FF



FFC2C2

Complementary

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



B7DBB4



D8B4DB

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.



FCC2D9



B7DBB4



CDCEFC

Square

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



B7DBB4



97DBF5



E9C6EF



FBC6AE

Rectangle

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



B7DBB4



94DFDA



E9C6EF



FFC1C9

Sweetspot

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



B7DBB4



F3FFF2



DBD8B4



788078



000000



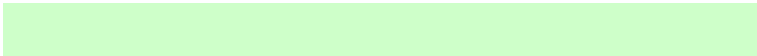
808080

Same Dimension

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



B7DBB4



CEFFC9



B4DBC4



646E63



0DAD00



042E00

Inverse Universe

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



D8B4DB



FBC9FF



DBB4CB



6D636E



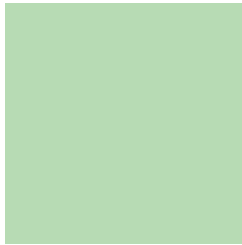
A000AD



2A002E

Previews

White Background



This preview shows how the Hex color B7DBB4 looks on a white background.

Color Contrast Check

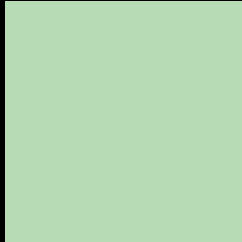
Large Text (above 18pt) WCAG AA × Fail

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 B7DBB4 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

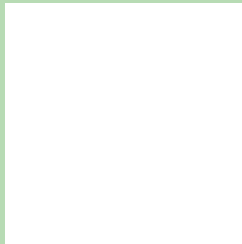
Any Text WCAG AAA ✓ Pass

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

Hex B7DBB4 Background



This preview shows how black text looks on a background with the Hex color B7DBB4.

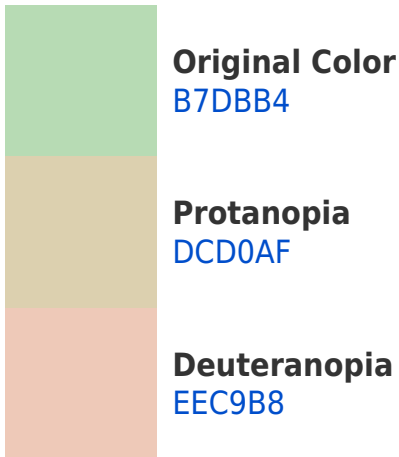


This preview shows how white text looks on a background with the Hex color B7DBB4.

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](#).

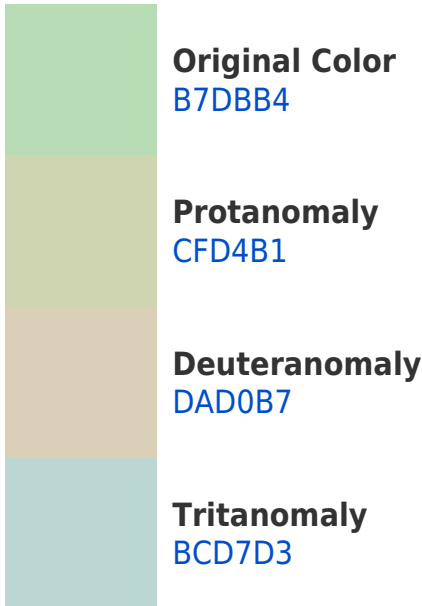
Dichromacy



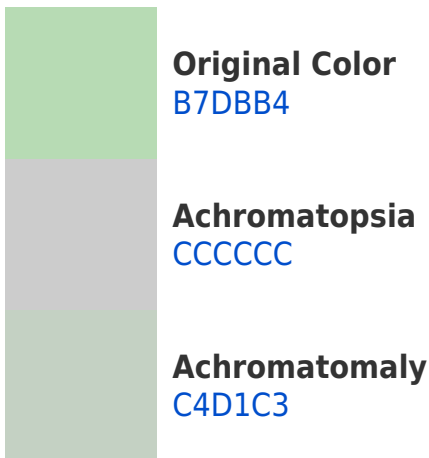


Tritanopia
BFD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7DBB4 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 #B7DBB4 looks like.

```
.text, #text, p{  
    color:#B7DBB4  
}
```

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 #B7DBB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7DBB4
}
```

Border

The CSS property to change the border of an element to Hex B7DBB4 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
#B7DBB4 }
```

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

```
.border{ border-color:#B7DBB4 }
```

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

Here you see how a box with a 4 pixel #B7DBB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7DBB4; -webkit-box-shadow:4px 4px  
4px 4px #B7DBB4; box-shadow:4px 4px 4px  
4px #B7DBB4 }
```

Background

The CSS property to change the background color of an element to Hex B7DBB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7DBB4 }
```

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

```
.background{ background-color:#B7DBB4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor