

Converting Colors

Hex(B4DBB2)

Have a look what the booklet for
Hex(B4DBB2) contains.

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Color

Hex(B4DBB2)

Conversions

Conversions Part 1

Format	Color
Hex	B4DBB2
RGB	180, 219, 178
RGB Percent	71%, 86%, 70%
CMY	0.2941, 0.1412, 0.3020
CMYK	0.18, 0.00, 0.19, 0.14
HSL	117°, 36%, 78%
HSV	117°, 19%, 86%
XYZ	52.1898, 63.5807, 51.6411
YIQ	202.6650, -10.0830, -21.0190

Conversions

Conversions Part 2

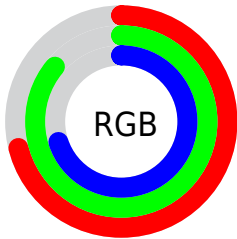
Format	Color
RYB	178, 219, 217
Decimal	11852722
CIELab	83.75, -20.51, 16.01
CIELCh	84, 26.016, 142.027
Yxy	63.5807, 0.3117, 0.3798
Android (android.graphics.Color)	4290042802 (0xFFB4DBB2)
YUV	202.6650, -12.1598, -19.8772
Hunter-Lab	79.7375, -22.7088, 17.4178

Details

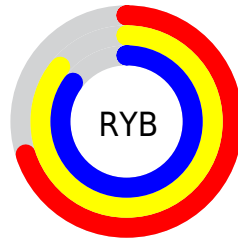
The Hex color **B4DBB2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D9B2DB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **ECFFEA**, and **7FA47D** is the 20% darker color. If you saturate the color by 10%, you get **9FDB9C**, and if you desaturate by 10%, it is **C9DBC8**.

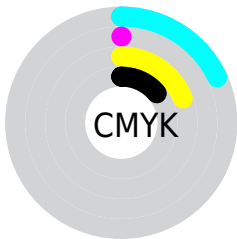
Distribution



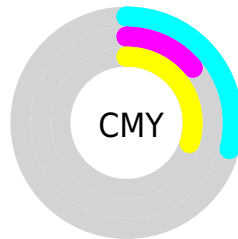
- Red (71%)
- Green (86%)
- Blue (70%)



- Red (70%)
- Yellow (86%)
- Blue (85%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4DBB2 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 B4DBB2 by changing the saturation by 10% instead.

 B4DBB2

 B4DBB2

FFFFFF

 99BF97

 ECFFEA

 7FA47D

 658A64

 4D704C

 355735

 1E4020

 072909

 001600

 000000

 B4DBB2

 B4DBB2

 9FDB9C

 C9DBC8

 8ADB86

 DEDBDE

 76DB70

 F2DBF4

 61DB5A

 FFDBFF

 4CDB44

 37DB2F

 22DB19

 0DDB03

 0BDB00

Harmonies

Analogous

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



D0D5A3



B4DBB2



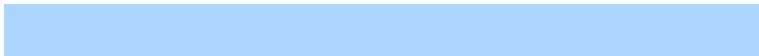
9BDEC9

Triad

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



B4DBB2



ABD5FF



FFC0C0

Complementary

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



B4DBB2



D9B2DB

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.



FEC0D8



B4DBB2



CCCDFE

Square

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



B4DBB2



92DBF7



EAC5EF



FCC5AB

Rectangle

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



B4DBB2



8FDFDA



EAC5EF



FFBFC8

Sweetspot

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



B4DBB2



F0FFF0



DBD9B2



778077



000000



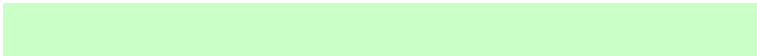
808080

Same Dimension

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



B4DBB2



CAFFC7



B2DBC4



636E63



08AD00



022E00

Inverse Universe

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



D9B2DB



FCC7FF



DBB2C9



6D636E



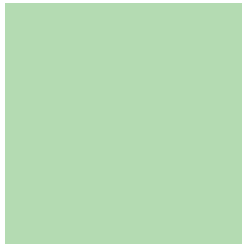
A500AD



2C002E

Previews

White Background



This preview shows how the Hex color B4DBB2 looks on a white background.

Color Contrast Check

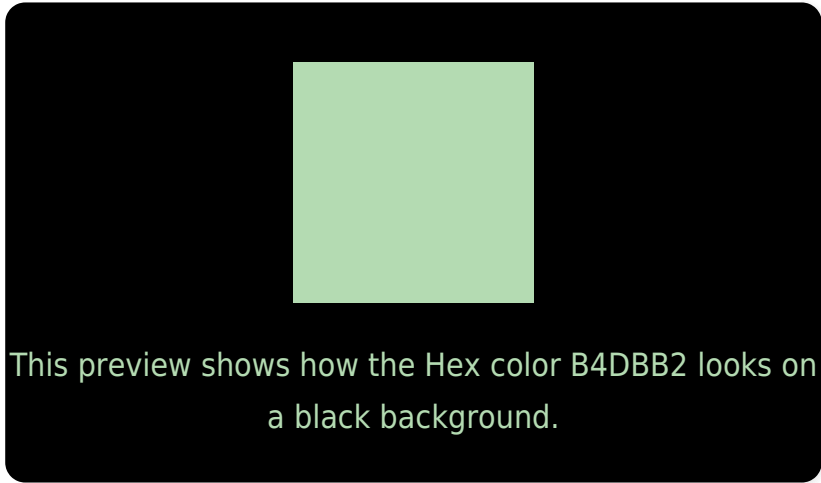
Large Text (above 18pt) WCAG AA × Fail

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

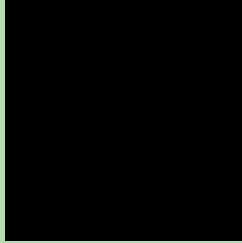
Any Text WCAG AA ✓ Pass

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 B4DBB2 Background



This preview shows how black text looks on a background with the Hex color B4DBB2.

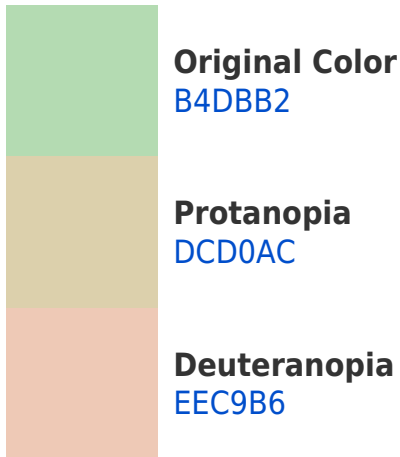


This preview shows how white text looks on a background with the Hex color B4DBB2.

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](#).

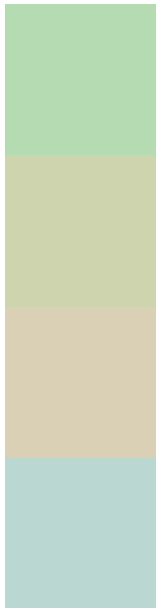
Dichromacy





Tritanopia
BDD4E5

Trichromacy



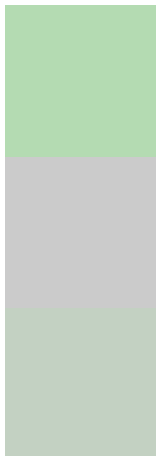
Original Color
B4DBB2

Protanomaly
CDD4AE

Deuteranomaly
D9D0B5

Tritanomaly
BAD7D2

Monochromacy



Original Color
B4DBB2

Achromatopsia
CBCBCB

Achromatomaly
C3D1C2

CSS Examples

Text

The CSS property to change the color of the text to Hex B4DBB2 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 #B4DBB2 looks like.

```
.text, #text, p{  
    color:#B4DBB2  
}
```

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 #B4DBB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DBB2
}
```

Border

The CSS property to change the border of an element to Hex B4DBB2 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
#B4DBB2 }
```

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

```
.border{ border-color:#B4DBB2 }
```

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

Here you see how a box with a 4 pixel #B4DBB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DBB2; -webkit-box-shadow:4px 4px  
4px 4px #B4DBB2; box-shadow:4px 4px 4px  
4px #B4DBB2 }
```

Background

The CSS property to change the background color of an element to Hex B4DBB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DBB2 }
```

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

```
.background{ background-color:#B4DBB2 }
```

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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