

# Converting Colors

Hex(B5DBB3)

Have a look what the booklet for  
Hex(B5DBB3) contains.

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# Color

**Hex(B5DBB3)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B5DBB3                      |
| RGB         | 181, 219, 179               |
| RGB Percent | 71%, 86%, 70%               |
| CMY         | 0.2902, 0.1412, 0.2980      |
| CMYK        | 0.17, 0.00, 0.18, 0.14      |
| HSL         | 117°, 36%, 78%              |
| HSV         | 117°, 18%, 86%              |
| XYZ         | 52.5243, 63.7415, 52.1828   |
| YIQ         | 203.0780, -9.8080, -20.4960 |

# Conversions

## Conversions Part 2

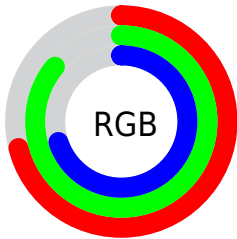
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">179, 219, 217</a>                    |
| Decimal                             | <a href="#">11918259</a>                         |
| CIELab                              | <a href="#">83.83, -20.00, 15.61</a>             |
| CIELCh                              | <a href="#">84, 25.368, 142.027</a>              |
| Yxy                                 | <a href="#">63.7415, 0.3118,<br/>0.3784</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4290108339<br/>(0xFFB5DBB3)</a>      |
| YUV                                 | <a href="#">203.0780, -11.8705,<br/>-19.3624</a> |
| Hunter-Lab                          | <a href="#">79.8383, -22.2848,<br/>17.1344</a>   |

# Details

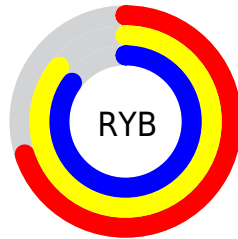
The Hex color **B5DBB3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D9B3DB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **EDFFEB**, and **80A47E** is the 20% darker color. If you saturate the color by 10%, you get **A0DB9D**, and if you desaturate by 10%, it is **CADBC9**.

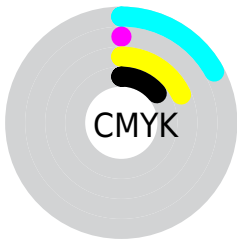
# Distribution



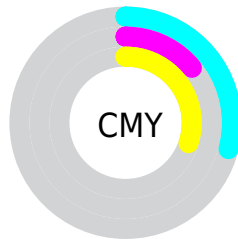
- Red (71%)
- Green (86%)
- Blue (70%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (14%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B5DBB3 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 B5DBB3 by changing the saturation by 10% instead.



 B5DBB3

 B5DBB3

FFFFFF

 9ABF98

 EDFFEB

 80A47E

 668A65

 4E704D

 365736

 1F4020

 082A0A

 001600

 000000

 B5DBB3

 B5DBB3

 A0DB9D

 CADBC9

 8BDB87

 DFDBDF

 77DB71

 F3DBF5

 62DB5B

 FFDBFF

 4DDB46

 38DB30

 23DB1A

 0FDB04

 0BDB00

# Harmonies

## Analogous

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



D0D5A4



B5DBB3



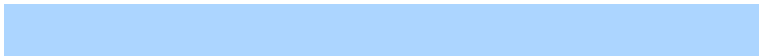
9CDECA

# Triad

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



B5DBB3



ACD5FF



FFC1C0

# Complementary

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



B5DBB3



D9B3DB

# 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.



FDC1D8



B5DBB3



CDCDFD

# Square

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



B5DDB3



94DBF6



EAC5EF



FBC6AC

# Rectangle

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



B5DBB3



91DFDA



EAC5EF



FFC0C8

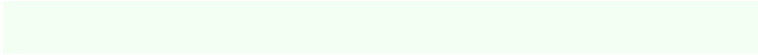


# Sweetspot

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



B5DBB3



F3FFF2



DBD9B3



788078



000000



808080

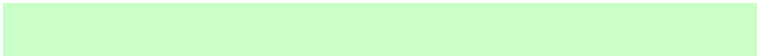


# Same Dimension

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



B5DBB3



CAFFC7



B3DBC4



636E63



09AD00



022E00



# Inverse Universe

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



D9B3DB



FCC7FF



DBB3C9



6D636E



A500AD

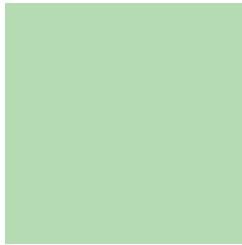


2C002E



# Previews

## White Background



This preview shows how the Hex color B5DBB3 looks on a white background.

## Color Contrast Check

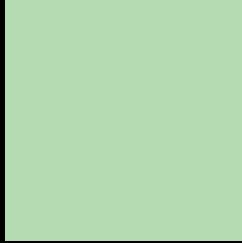
Large Text (above 18pt) WCAG AA × Fail

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 B5DBB3 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

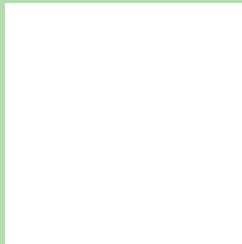
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5DBB3 Background



This preview shows how black text looks on a background with the Hex color B5DBB3.

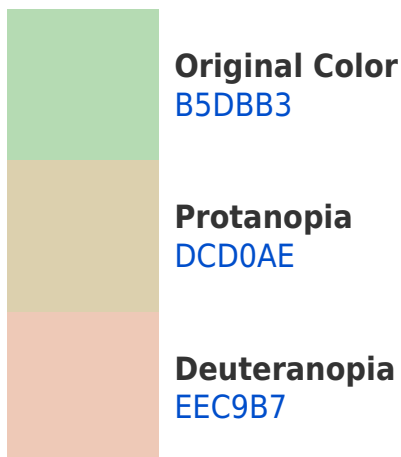


This preview shows how white text looks on a background with the Hex color B5DBB3.

# 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](#).

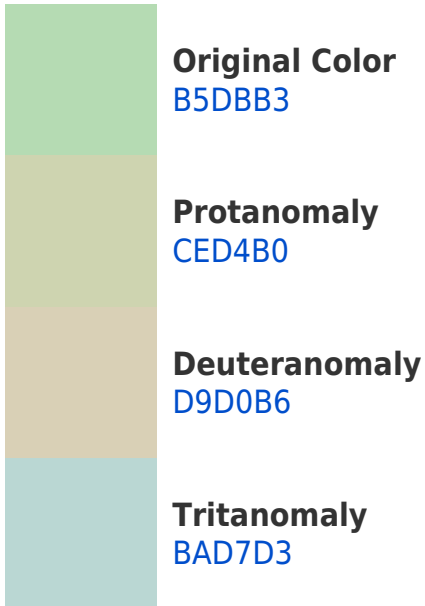
## Dichromacy



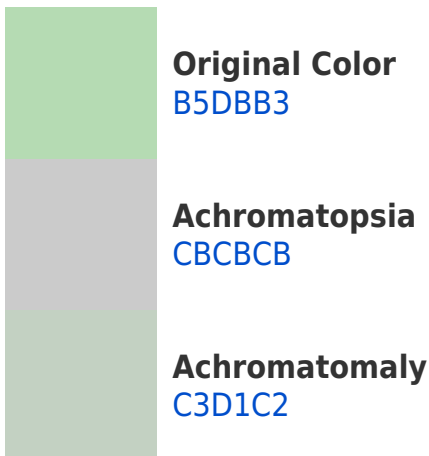


**Tritanopia**  
BDD4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5DBB3 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 #B5DBB3 looks like.

```
.text, #text, p{  
    color:#B5DBB3  
}
```

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 #B5DBB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DBB3
}
```

## Border

The CSS property to change the border of an element to Hex B5DBB3 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
#B5DBB3 }
```

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

```
.border{ border-color:#B5DBB3 }
```

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

Here you see how a box with a 4 pixel #B5DBB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DBB3; -webkit-box-shadow:4px 4px  
4px 4px #B5DBB3; box-shadow:4px 4px 4px  
4px #B5DBB3 }
```

# Background

The CSS property to change the background color of an element to Hex B5DBB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DBB3 }
```

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

```
.background{ background-color:#B5DBB3 }
```

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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