

Converting Colors

Hex(B5DBD3)

Have a look what the booklet for
Hex(B5DBD3) contains.

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Color

Hex(B5DBD3)

Conversions

Conversions Part 1

Format	Color
Hex	B5DBD3
RGB	181, 219, 211
RGB Percent	71%, 86%, 83%
CMY	0.2902, 0.1412, 0.1725
CMYK	0.17, 0.00, 0.04, 0.14
HSL	167°, 35%, 78%
HSV	167°, 17%, 86%
XYZ	56.1454, 65.1899, 71.2518
YIQ	206.7260, -20.0800, -10.5440

Conversions

Conversions Part 2

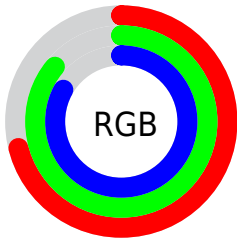
Format	Color
RYB	181, 202, 219
Decimal	11918291
CIELab	84.58, -14.01, -0.22
CIElCh	85, 14.014, 180.901
Yxy	65.1899, 0.2915, 0.3385
Android (android.graphics.Color)	4290108371 (0xFFB5DBD3)
YUV	206.7260, 2.1071, -22.5617
Hunter-Lab	80.7403, -17.1696, 4.1959

Details

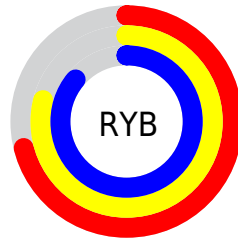
The Hex color **B5DBD3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DBB5BD**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **EDFFFF**, and **80A49D** is the 20% darker color. If you saturate the color by 10%, you get **9FDBCE**, and if you desaturate by 10%, it is **CBDBD8**.

Distribution



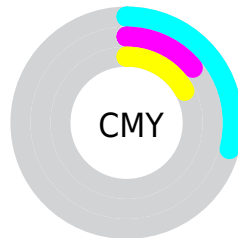
- Red (71%)
- Green (86%)
- Blue (83%)



- Red (71%)
- Yellow (79%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5DBD3 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 B5DBD3 by changing the saturation by 10% instead.

 B5DBD3

FFFFFF

 EDFFFF

 B5DBD3

 9ABFB7

 80A49D

 668A82

 4D7069

 365851

 1F403A

 072A25

 001710

 000000

 B5DBD3

 B5DBD3

 9FDBCE

 CBDBD8

 89DBCA

 E1DBDC

 73DBC5

 F7DBE1

 5DDBC1

 FFDBE5

 48DBBC

 FFDBEA

 32DBB7

 FFDBEF

 1CDBB3

 FFDBF3

 06DBAE

 FFDBF8

 00DBAD

 FFDBFC

Harmonies

Analogous

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



C0DAC6



B5DBD3



B2DAE0

Triad

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



B5DBD3



D6D0EA



E9CEBC

Complementary

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



B5DBD3



DBB5BD

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.



EFCBC6



B5DBD3



E5CCE0

Square

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



B5DBD3



C6D4ED



EECAD3



DED2B9

Rectangle

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



B5DBD3



B5D9E7



EECAD3



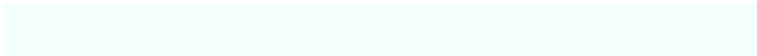
ECCDBF

Sweetspot

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



B5DBD3



F2FFFC



BDDBB5



78807E



000000



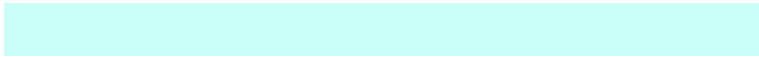
808080

Same Dimension

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



B5DBD3



C9FFF4



B5D0DB



636E6B



00AD89



002E24

Inverse Universe

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



DBB5BD



FFC9D5



DBC0B5



6E6365



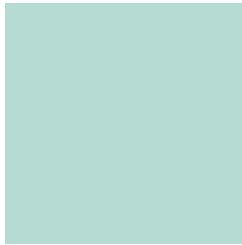
AD0025



2E000A

Previews

White Background



This preview shows how the Hex color B5DBD3 looks on a white background.

Color Contrast Check

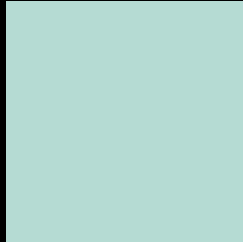
Large Text (above 18pt) WCAG AA × Fail

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 B5DBD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

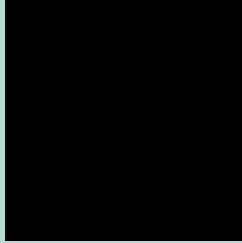
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

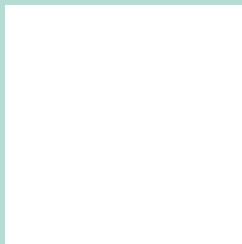
Any Text WCAG AAA ✓ Pass

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

Hex B5DBD3 Background



This preview shows how black text looks on a background with the Hex color B5DBD3.

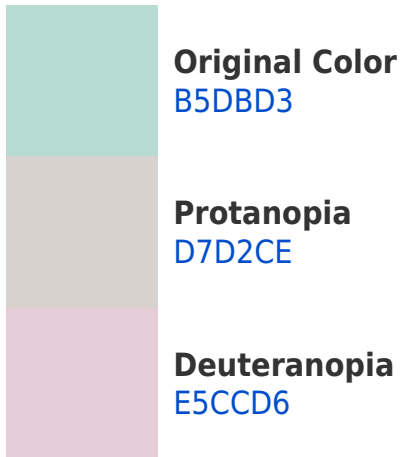


This preview shows how white text looks on a background with the Hex color B5DBD3.

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](#).

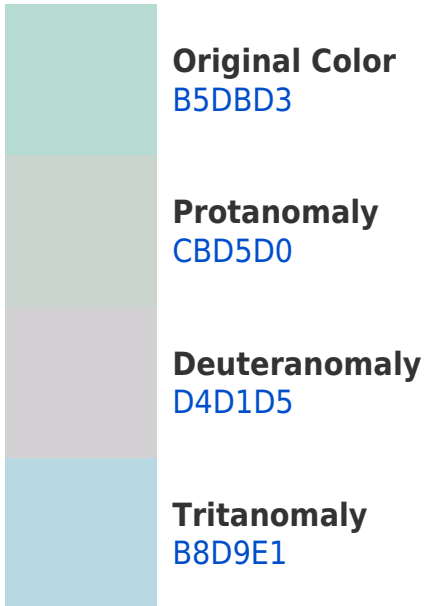
Dichromacy



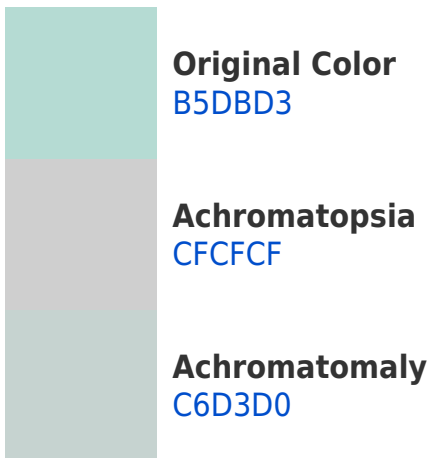


Tritanopia
B9D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5DBD3 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 #B5DBD3 looks like.

```
.text, #text, p{  
    color:#B5DBD3  
}
```

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 #B5DBD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DBD3
}
```

Border

The CSS property to change the border of an element to Hex B5DBD3 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
#B5DBD3 }
```

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

```
.border{ border-color:#B5DBD3 }
```

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

Here you see how a box with a 4 pixel #B5DBD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DBD3; -webkit-box-shadow:4px 4px  
4px 4px #B5DBD3; box-shadow:4px 4px 4px  
4px #B5DBD3 }
```

Background

The CSS property to change the background color of an element to Hex B5DBD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DBD3 }
```

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

```
.background{ background-color:#B5DBD3 }
```

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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