

Converting Colors

Hex(B1DCBE)

Have a look what the booklet for
Hex(B1DCBE) contains.

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Color

Hex(B1DCBE)

Conversions

Conversions Part 1

Format	Color
Hex	B1DCBE
RGB	177, 220, 190
RGB Percent	69%, 86%, 75%
CMY	0.3059, 0.1373, 0.2549
CMYK	0.20, 0.00, 0.14, 0.14
HSL	138°, 38%, 78%
HSV	138°, 20%, 86%
XYZ	53.0189, 64.2512, 58.3225
YIQ	203.7230, -15.9980, -18.4460

Conversions

Conversions Part 2

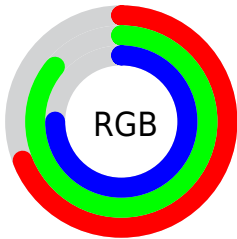
Format	Color
RYB	177, 210, 220
Decimal	11656382
CIELab	84.10, -19.86, 10.15
CIELCh	84, 22.303, 152.917
Yxy	64.2512, 0.3019, 0.3659
Android (android.graphics.Color)	4289846462 (0xFFB1DCBE)
YUV	203.7230, -6.7654, -23.4361
Hunter-Lab	80.1569, -22.2075, 12.9701

Details

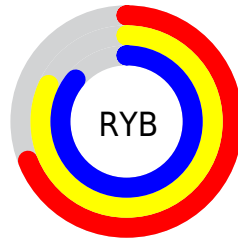
The Hex color **B1DCBE** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DCB1CF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E9FFF6**, and **7CA589** is the 20% darker color. If you saturate the color by 10%, you get **9BDCAF**, and if you desaturate by 10%, it is **C7DCCD**.

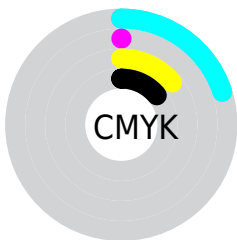
Distribution



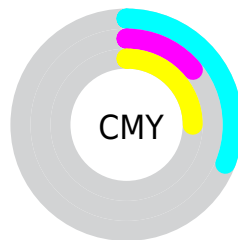
- Red (69%)
- Green (86%)
- Blue (75%)



- Red (69%)
- Yellow (82%)
- Blue (86%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)



- Cyan (31%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1DCBE 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 B1DCBE by changing the saturation by 10% instead.

 B1DCBE

FFFFFF

 E9FFF6

 B1DCBE

 96C0A3

 7CA589

 628A6F

 4A7157

 32583F

 1B4129

 032A15

 001700

 000000

 B1DCBE

 B1DCBE

 9BDCAF

 C7DCCD

 85DC9F

 DDDCDD

 6FDC90

 F3DCEC

 59DC81

 FFDCFB

 43DC71

 FFDCFF

 2DDC62

 17DC53

 01DC43

 00DC43

Harmonies

Analogous

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



C9D7AE



B1DCBE



9FDED3

Triad

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



B1DCBE



BCD3FB



FDC5BC

Complementary

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



B1DCBE



DCB1CF

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.



FCC3D0



B1DCBE



D8CCF5

Square

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



B1DCBE



A4D9F6



EFC6E5



F3CAAD

Rectangle

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



B1DCBE



99DEE1



EFC6E5



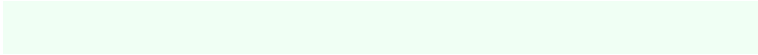
FEC4C2

Sweetspot

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



B1DCBE



F0FFF4



CFDCB1



778079



000000



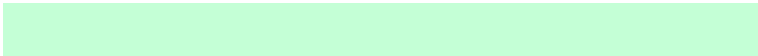
808080

Same Dimension

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



B1DCBE



C4FFD6



B1DCD3



636E66



00AD34



002E0E

Inverse Universe

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



DCB1CF



FFC4ED



DCB1BA



6E636A



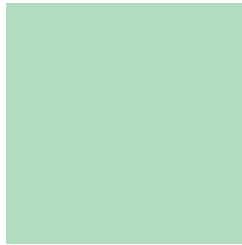
AD0079



2E0020

Previews

White Background



This preview shows how the Hex color B1DCBE looks on a white background.

Color Contrast Check

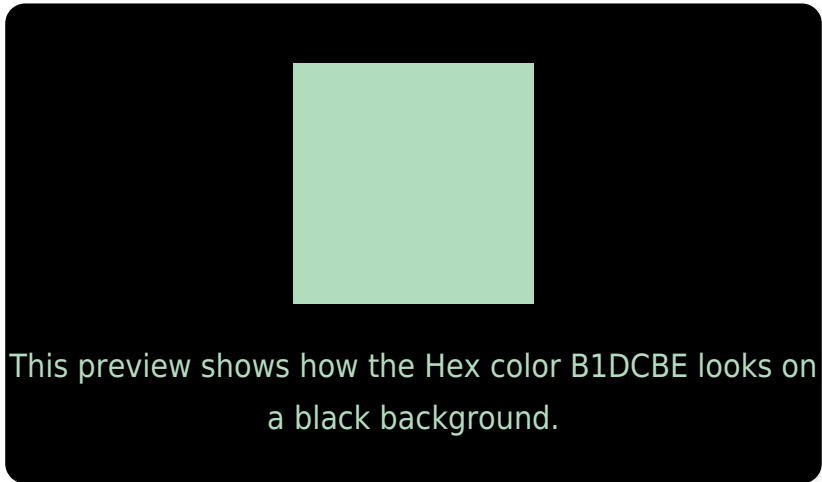
Large Text (above 18pt) WCAG AA × Fail

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

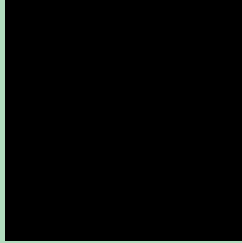
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

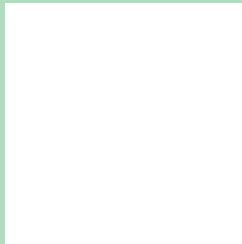
Any Text WCAG AAA ✓ Pass

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

Hex B1DCBE Background



This preview shows how black text looks on a background with the Hex color B1DCBE.

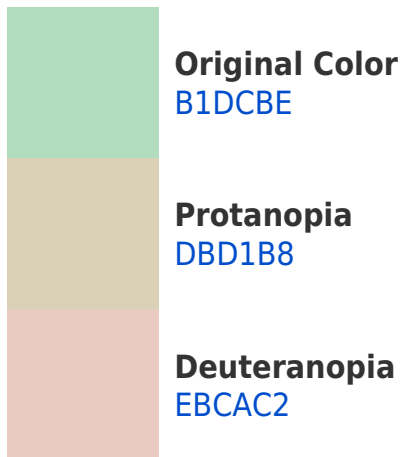


This preview shows how white text looks on a background with the Hex color B1DCBE.

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](#).

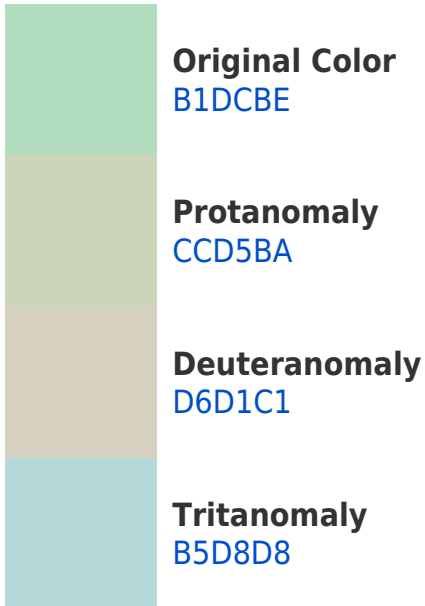
Dichromacy



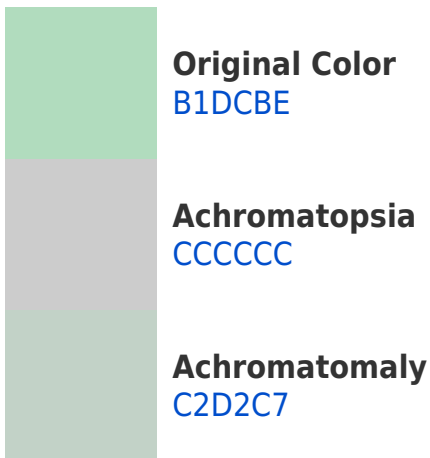


Tritanopia
B8D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1DCBE 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 #B1DCBE looks like.

```
.text, #text, p{  
    color:#B1DCBE  
}
```

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 #B1DCBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1DCBE
}
```

Border

The CSS property to change the border of an element to Hex B1DCBE 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
#B1DCBE }
```

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

```
.border{ border-color:#B1DCBE }
```

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

Here you see how a box with a 4 pixel #B1DCBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1DCBE; -webkit-box-shadow:4px 4px  
4px 4px #B1DCBE; box-shadow:4px 4px 4px  
4px #B1DCBE }
```

Background

The CSS property to change the background color of an element to Hex B1DCBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1DCBE }
```

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

```
.background{ background-color:#B1DCBE }
```

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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