

Converting Colors

Hex(B6DBBF)

Have a look what the booklet for
Hex(B6DBBF) contains.

| | |
|--|----|
| Hex(B6DBBF) | 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(B6DBBF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B6DBBF |
| RGB | 182, 219, 191 |
| RGB Percent | 71%, 86%, 75% |
| CMY | 0.2863, 0.1412, 0.2510 |
| CMYK | 0.17, 0.00, 0.13, 0.14 |
| HSL | 135°, 34%, 79% |
| HSV | 135°, 17%, 86% |
| XYZ | 54.0269, 64.3697, 58.8673 |
| YIQ | 204.7450, -13.0640, -16.5520 |

Conversions

Conversions Part 2

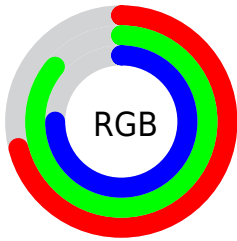
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 182, 212, 219 |
| Decimal | 11983807 |
| CIELab | 84.16, -17.53, 9.76 |
| CIELCh | 84, 20.062, 150.904 |
| Yxy | 64.3697, 0.3048, 0.3631 |
| Android (android.graphics.Color) | 4290173887 (0xFFB6DBBF) |
| YUV | 204.7450, -6.7763, -19.9474 |
| Hunter-Lab | 80.2307, -20.2030, 12.6590 |

Details

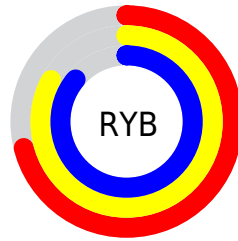
The Hex color **B6DBBF** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DBB6D2**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **EEFF7**, and **81A48A** is the 20% darker color. If you saturate the color by 10%, you get **A0DBAE**, and if you desaturate by 10%, it is **CCDBD0**.

Distribution



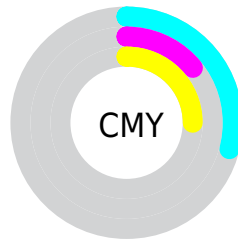
- Red (71%)
- Green (86%)
- Blue (75%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6DBBF 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 B6DBBF by changing the saturation by 10% instead.

 B6DBBF

FFFFFF

 EEEFF7

 B6DBBF

 9BBFA4

 81A48A

 678A70

 4F7058

 375740

 20402A

 0A2A16

 001700

 000000

 B6DBBF

 B6DBBF

 A0DBAE

 CCDBD0

 8ADB9E

 E2DBE0

 74DB8D

 F8DBF1

 5EDB7D

 FFDBFF

 49DB6C

 33DB5C

 1DDB4B

 07DB3A

 00DB35

Harmonies

Analogous

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



CBD7B1



B6DBBF



A5DDD2

Triad

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



B6DBBF



BDD3F7



F9C6BF

Complementary

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



B6DBBF



DBB6D2

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.



F8C5D2



B6DBBF



D6CDF2

Square

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



B6DBBF



A9D9F2



EBC7E5



F1CBB2

Rectangle

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



B6DBBF



A0DDDF



EBC7E5



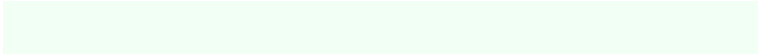
FAC5C5

Sweetspot

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



B6DBBF



F2FFF5



D2DBB6



78807A



000000



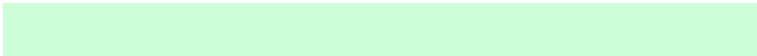
808080

Same Dimension

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



B6DBBF



CCFFD8



B6DBD1



636E65



00AD2A



002E0B

Inverse Universe

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



DBB6D2



FFCCF3



DBB6C0



6E636B



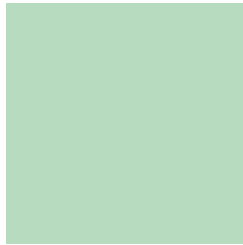
AD0083



2E0023

Previews

White Background



This preview shows how the Hex color B6DBBF looks on a white background.

Color Contrast Check

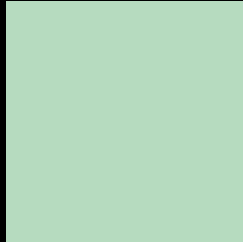
Large Text (above 18pt) WCAG AA × Fail

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 B6DBBF 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

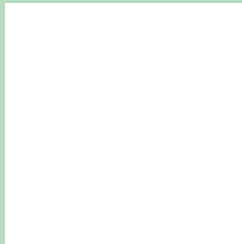
Any Text WCAG AAA ✓ Pass

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

Hex B6DBBF Background



This preview shows how black text looks on a background with the Hex color B6DBBF.

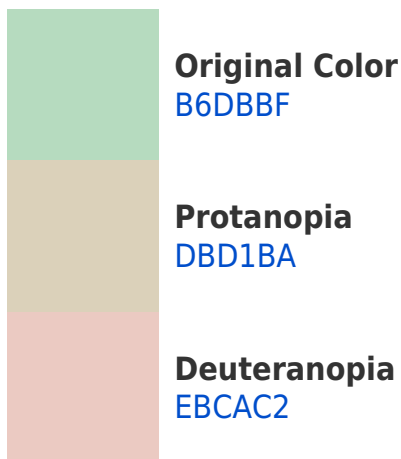


This preview shows how white text looks on a background with the Hex color B6DBBF.

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](#).

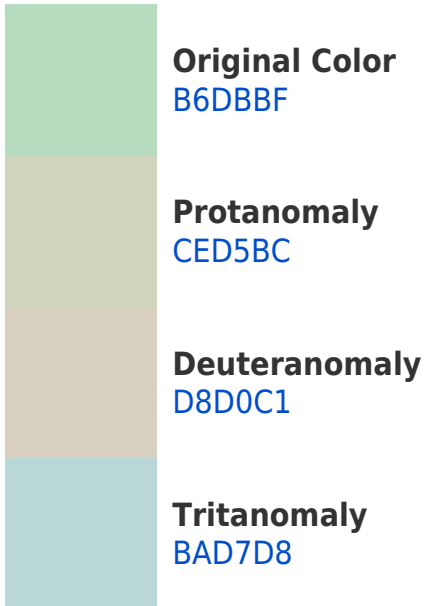
Dichromacy



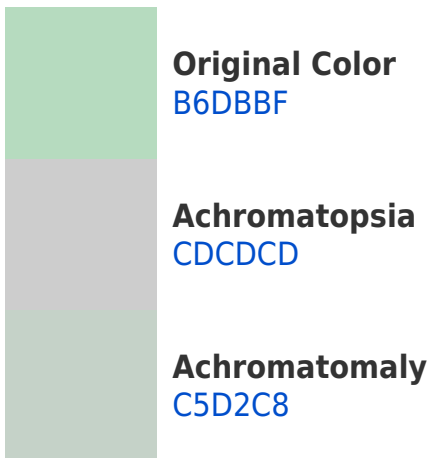


Tritanopia
BDD5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6DBBF 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 #B6DBBF looks like.

```
.text, #text, p{  
    color:#B6DBBF  
}
```

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 #B6DBBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6DBBF  
}
```

Border

The CSS property to change the border of an element to Hex B6DBBF 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  
#B6DBBF }
```

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

```
.border{ border-color:#B6DBBF }
```

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

Here you see how a box with a 4 pixel #B6DBBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6DBBF; -webkit-box-shadow:4px 4px  
4px 4px #B6DBBF; box-shadow:4px 4px 4px  
4px #B6DBBF }
```

Background

The CSS property to change the background color of an element to Hex B6DBBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6DBBF }
```

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

```
.background{ background-color:#B6DBBF }
```

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