

# Converting Colors

Hex(B8DCE7)

Have a look what the booklet for  
Hex(B8DCE7) contains.

|  |    |
|--|----|
| <b>Hex(B8DCE7)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(B8DCE7)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B8DCE7                      |
| RGB         | 184, 220, 231               |
| RGB Percent | 72%, 86%, 91%               |
| CMY         | 0.2784, 0.1373, 0.0941      |
| CMYK        | 0.20, 0.05, 0.00, 0.09      |
| HSL         | 194°, 49%, 81%              |
| HSV         | 194°, 20%, 91%              |
| XYZ         | 59.7842, 67.1463, 85.4109   |
| YIQ         | 210.4900, -24.9870, -4.2110 |

# Conversions

## Conversions Part 2

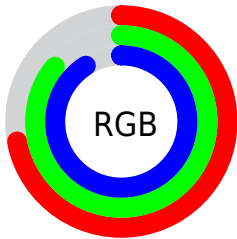
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 184, 204, 231                  |
| Decimal                             | 12115175                       |
| CIELab                              | 85.58, -9.43, -9.32            |
| CIELCh                              | 86, 13.258, 224.648            |
| Yxy                                 | 67.1463, 0.2815,<br>0.3162     |
| Android<br>(android.graphics.Color) | 4290305255<br>(0xFFB8DCE7)     |
| YUV                                 | 210.4900, 10.1114,<br>-23.2317 |
| Hunter-Lab                          | 81.9428, -13.1692,<br>-4.4393  |

# Details

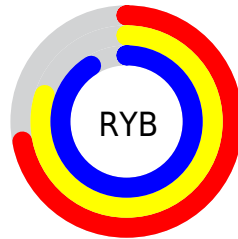
The Hex color **B8DCE7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E7C3B8**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **F1FFFF**, and **82A5AF** is the 20% darker color. If you saturate the color by 10%, you get **A1D7E7**, and if you desaturate by 10%, it is **CFE1E7**.

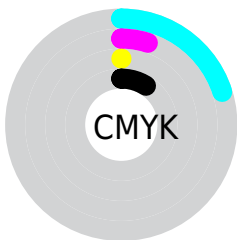
# Distribution



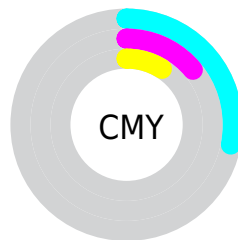
- Red (72%)
- Green (86%)
- Blue (91%)



- Red (72%)
- Yellow (80%)
- Blue (91%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (28%)
- Magenta (14%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8DCE7 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 B8DCE7 by changing the saturation by 10% instead.



 B8DCE7

 B8DCE7

FFFFFF

 9DC0CB

 F1FFFF

 82A5AF

 688B95

 4F717B

 375962

 1F414A

 052B34

 00171F

 000004

 B8DCE7

 B8DCE7

 A1D7E7

 CFE1E7

 8AD1E7

 E6E7E7

 73CCE7

 FDECE7

 5CC6E7

 FFF2E7

 45C1E7

 FFF7E7

 2DBCE7

 FFFCE7

 16B6E7

 FFFF7E7

 00B1E7

# Harmonies

## Analogous

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



B7DDDC



B8DCE7



C1D9EE

# Triad

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



B8DCE7



ECCEDD



DAD7BE

# Complementary

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



B8DCE7



E7C3B8

# 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.



E7D3BE



B8DCE7



F1CED0

# Square

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



B8DCE7



E0D1E8



EFCFC5



CBDBC4

# Rectangle

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



B8DCE7



CBD6EF



EFCFC5



DED6BD



# Sweetspot

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



B8DCE7



F0FBFF



B8E7C3



777D80



000000



808080

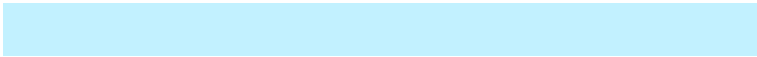


# Same Dimension

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



B8DCE7



C2F1FF



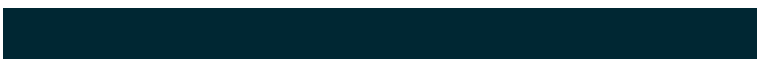
B8C5E7



677073



0089B3



002733



# Inverse Universe

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



E7B8DC



FFC2F1



E7DAB8



736770



B30089

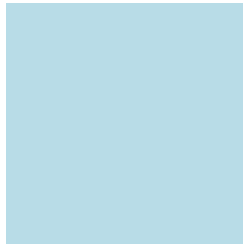


330027



# Previews

## White Background



This preview shows how the Hex color B8DCE7 looks on a white background.

## Color Contrast Check

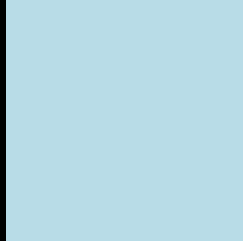
Large Text (above 18pt) WCAG AA × Fail

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 B8DCE7 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

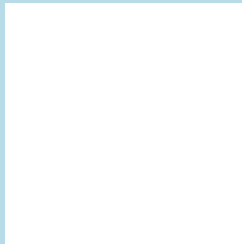
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B8DCE7 Background



This preview shows how black text looks on a background with the Hex color B8DCE7.

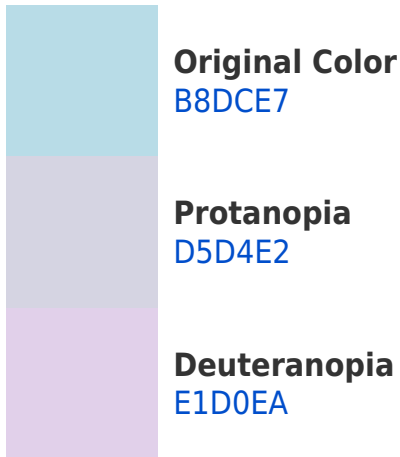


This preview shows how white text looks on a background with the Hex color B8DCE7.

# 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](#).

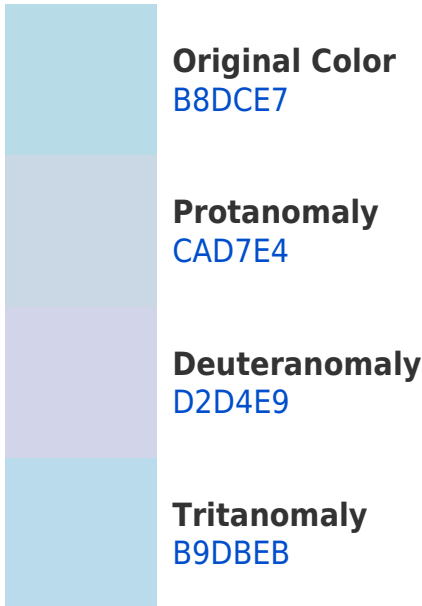
## Dichromacy



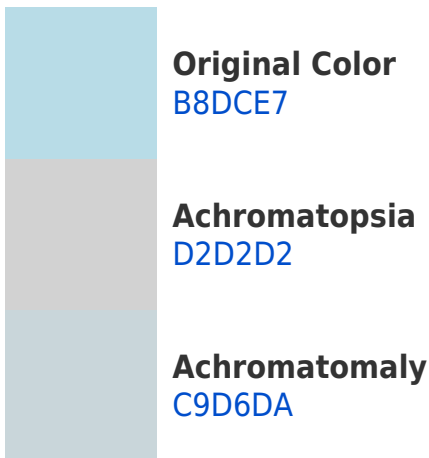


**Tritanopia**  
B9DBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8DCE7 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 #B8DCE7 looks like.

```
.text, #text, p{  
    color:#B8DCE7  
}
```

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 #B8DCE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8DCE7 }  
}
```

## Border

The CSS property to change the border of an element to Hex B8DCE7 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 #B8DCE7 }  
}
```

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

```
.border{ border-color:#B8DCE7 }
```

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

Here you see how a box with a 4 pixel #B8DCE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8DCE7; -webkit-box-shadow:4px 4px  
4px 4px #B8DCE7; box-shadow:4px 4px 4px  
4px #B8DCE7 }
```

# Background

The CSS property to change the background color of an element to Hex B8DCE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8DCE7 }
```

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

```
.background{ background-color:#B8DCE7 }
```

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