

# Converting Colors

Hex(B8DDE9)

Have a look what the booklet for  
Hex(B8DEE9) contains.

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# **Color**

**Hex(B8DEE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8DEE9
RGB	184, 222, 233
RGB Percent	72%, 87%, 91%
CMY	0.2784, 0.1294, 0.0863
CMYK	0.21, 0.05, 0.00, 0.09
HSL	193°, 53%, 82%
HSV	193°, 21%, 91%
XYZ	60.5964, 68.3161, 87.0833
YIQ	211.8920, -26.1790, -4.6350

# Conversions

## Conversions Part 2

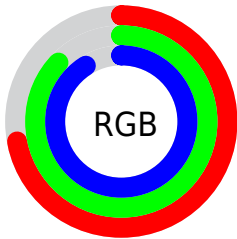
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 205, 233
Decimal	12115689
CIELab	86.16, -10.03, -9.50
CIELCh	86, 13.815, 223.455
Yxy	68.3161, 0.2805, 0.3163
Android (android.graphics.Color)	4290305769 (0xFFB8DEE9)
YUV	211.8920, 10.4062, -24.4613
Hunter-Lab	82.6535, -13.7787, -4.6101

# Details

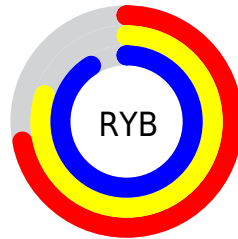
The Hex color **B8DEE9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E9C3B8**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **F1FFFF**, and **82A7B1** is the 20% darker color. If you saturate the color by 10%, you get **A1D9E9**, and if you desaturate by 10%, it is **CFE3E9**.

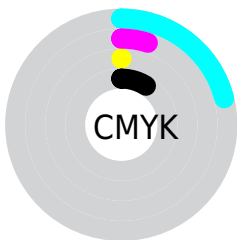
# Distribution



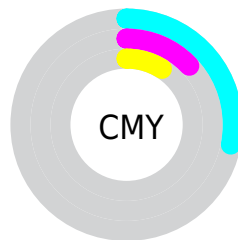
- Red (72%)
- Green (87%)
- Blue (91%)



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



- Cyan (21%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (28%)
- Magenta (13%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8DEE9 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 B8DEE9 by changing the saturation by 10% instead.



 B8DEE9

FFFFFF

 F1FFFF

 B8DEE9

 9DC2CD

 82A7B1

 688C97

 4F737D

 375A64

 1E434C

 032D35

 001920

 000007

 B8DEE9

 B8DEE9

 A1D9E9

 CFE3E9

 89D4E9

 E7E8E9

 72CEE9

 FEEEE9

 5BC9E9

 FFF3E9

 43C4E9

 FFF8E9

 2CBFE9

 FFFDE9

 15B9E9

 FFFF E9

 00B5E9

# Harmonies

## Analogous

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



B7DFDD



B8DEE9



C2DBF0

# Triad

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



B8DEE9



EECFDF



DCD9BE

# Complementary

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



B8DEE9



E9C3B8

# 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.



E9D4BF



B8DEE9



F4CFD2

# Square

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



B8DEE9



E1D2EB



F2D1C6



CDDCC4

# Rectangle

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



B8DEE9



CCD8F1



F2D1C6



E1D7BE



# Sweetspot

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



B8DEE9



F0FCFF



B8E9C3



777D80



000000



808080

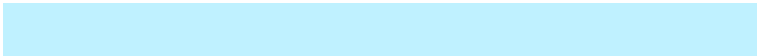


# Same Dimension

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



B8DEE9



BFF1FF



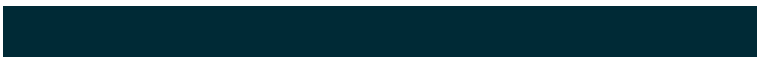
B8C6E9



6A7375



008CB5



002A36



# Inverse Universe

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



E9B8DE



FFBFF1



E9DBB8



756A73



B5008C

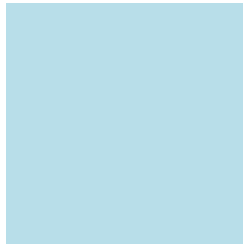


36002A



# Previews

## White Background



This preview shows how the Hex color B8DEE9 looks on a white background.

## Color Contrast Check

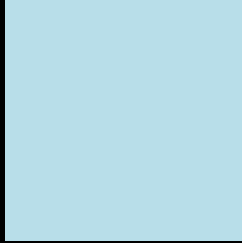
Large Text (above 18pt) WCAG AA × Fail

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 B8DEE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

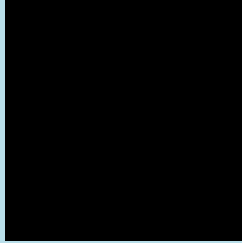
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B8DEE9 Background



This preview shows how black text looks on a background with the Hex color B8DEE9.

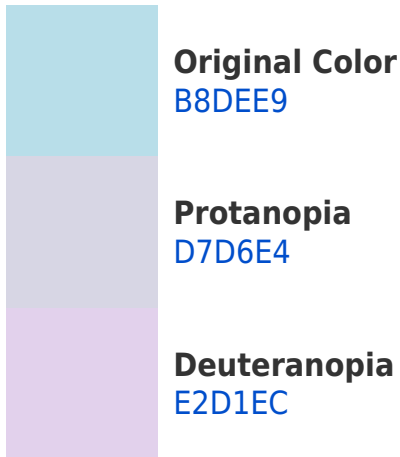


This preview shows how white text looks on a background with the Hex color B8DEE9.

# 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](#).

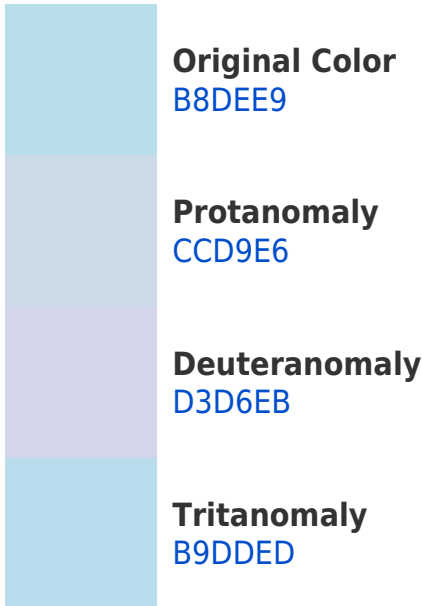
## Dichromacy



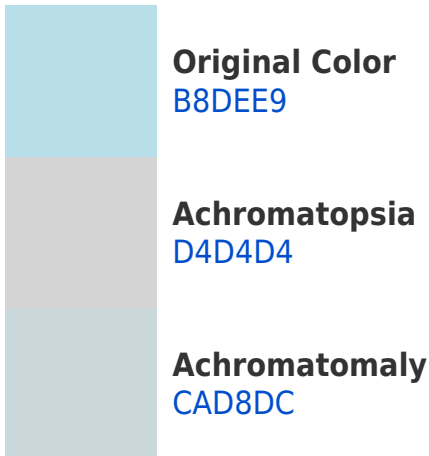


**Tritanopia**  
B9DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8DEE9 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 #B8DEE9 looks like.

```
.text, #text, p{  
    color:#B8DEE9  
}
```

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 #B8DEE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8DEE9
}
```

## Border

The CSS property to change the border of an element to Hex B8DEE9 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
#B8DEE9 }
```

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

```
.border{ border-color:#B8DEE9 }
```

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

Here you see how a box with a 4 pixel #B8DEE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8DEE9; -webkit-box-shadow:4px 4px  
4px 4px #B8DEE9; box-shadow:4px 4px 4px  
4px #B8DEE9 }
```

# Background

The CSS property to change the background color of an element to Hex B8DEE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8DEE9 }
```

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

```
.background{ background-color:#B8DEE9 }
```

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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