

# Converting Colors

Hex(B5DEE8)

Have a look what the booklet for  
Hex(B5DEE8) contains.

<b>Hex(B5DEE8)</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(B5DEE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5DEE8
RGB	181, 222, 232
RGB Percent	71%, 87%, 91%
CMY	0.2902, 0.1294, 0.0902
CMYK	0.22, 0.04, 0.00, 0.09
HSL	192°, 53%, 81%
HSV	192°, 22%, 91%
XYZ	59.7428, 67.8925, 86.2997
YIQ	210.8810, -27.6460, -5.5820

# Conversions

## Conversions Part 2

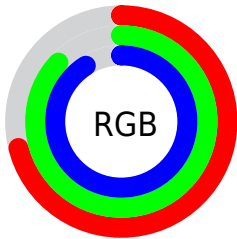
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 204, 232
Decimal	11919080
CIE <sub>Lab</sub>	85.95, -11.15, -9.31
CIE <sub>LCh</sub>	86, 14.522, 219.864
Y <sub>xy</sub>	67.8925, 0.2793, 0.3174
Android (android.graphics.Color)	4290109160 (0xFFB5DEE8)
YUV	210.8810, 10.4117, -26.2056
Hunter-Lab	82.3969, -14.7711, -4.4205

# Details

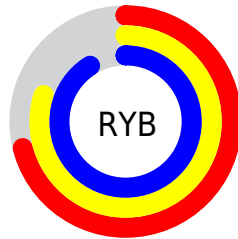
The Hex color **B5DEE8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E8BFB5**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **EEEEFF**, and **7FA7B0** is the 20% darker color. If you saturate the color by 10%, you get **9ED9E8**, and if you desaturate by 10%, it is **CCE3E8**.

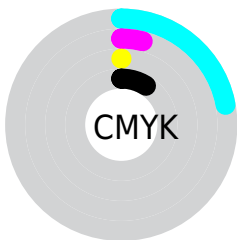
# Distribution



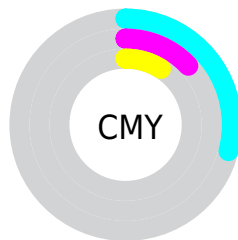
- Red (71%)
- Green (87%)
- Blue (91%)



- Red (71%)
- Yellow (80%)
- Blue (91%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (13%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5DEE8 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 B5DEE8 by changing the saturation by 10% instead.



 B5DEE8

 B5DEE8

FFFFFF

 9AC2CC

 EEEFFF

 7FA7B0

 658C96

 4C737C

 335A63

 1B434B

 002D35

 00191F

 000006

 B5DEE8

 B5DEE8

 9ED9E8

 CCE3E8

 87D5E8

 E3E7E8

 6FD0E8

 FBCEE8

 58CCE8

 FFF0E8

 41C7E8

 FFF5E8

 2AC3E8

 FFF9E8

 13BEE8

 FFFEE8

 00BBE8

 FFFFEE8

# Harmonies

## Analogous

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



B6DFDB



B5DEE8



BEDBF0

# Triad

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



B5DEE8



EDCFE1



DDD7BC

# Complementary

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



B5DEE8



E8BFB5

# 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.



EBD3BE



B5DEE8



F4CED3

# Square

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



B5DEE8



DFD2EC



F3CFC6



CEDCC2

# Rectangle

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



**B5DEE8**



**C8D8F2**



**F3CFC6**



**E2D6BC**



# Sweetspot

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



B5DEE8



EDFBFF



B5E8BE



757E80



000000



808080

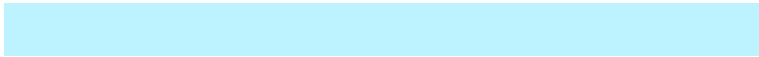


# Same Dimension

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



B5DEE8



BDF2FF



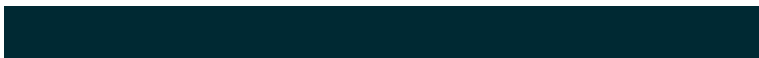
B5C5E8



677173



008FB3



002933



# Inverse Universe

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



E8B5DE



FFBDF2



E8D8B5



736771



B30090

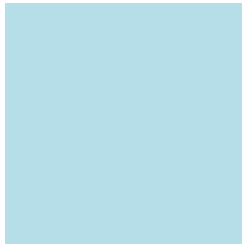


330029



# Previews

## White Background



This preview shows how the Hex color B5DEE8 looks on a white background.

## Color Contrast Check

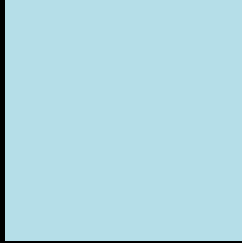
Large Text (above 18pt) WCAG AA × Fail

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 B5DEE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

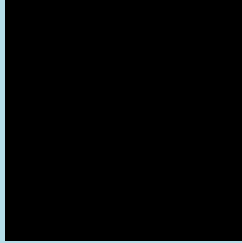
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

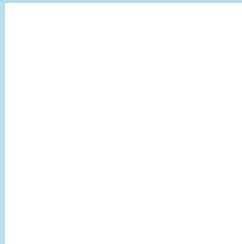
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5DEE8 Background



This preview shows how black text looks on a background with the Hex color B5DEE8.

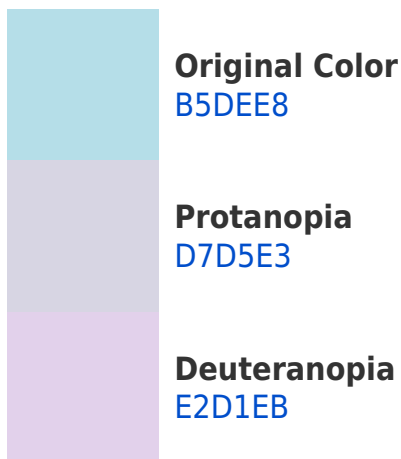


This preview shows how white text looks on a background with the Hex color B5DEE8.

# 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](#).

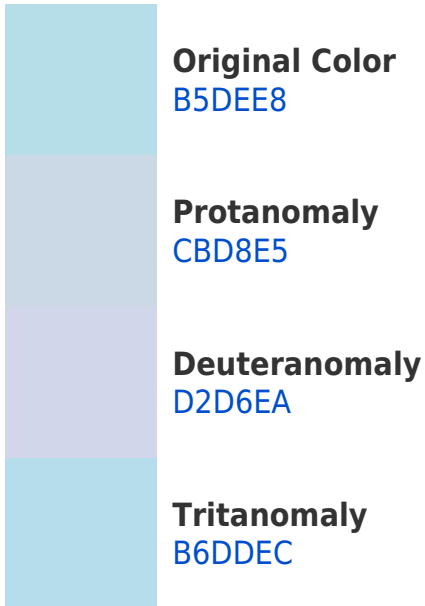
## Dichromacy



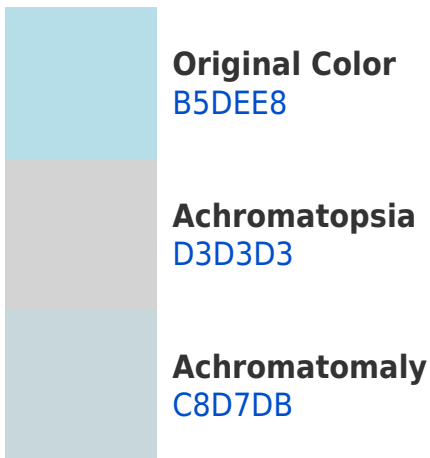


**Tritanopia**  
B6DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5DEE8 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 #B5DEE8 looks like.

```
.text, #text, p{  
    color:#B5DEE8  
}
```

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 #B5DEE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DEE8
}
```

## Border

The CSS property to change the border of an element to Hex B5DEE8 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
#B5DEE8 }
```

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

```
.border{ border-color:#B5DEE8 }
```

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

Here you see how a box with a 4 pixel #B5DEE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DEE8; -webkit-box-shadow:4px 4px  
4px 4px #B5DEE8; box-shadow:4px 4px 4px  
4px #B5DEE8 }
```

# Background

The CSS property to change the background color of an element to Hex B5DEE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DEE8 }
```

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

```
.background{ background-color:#B5DEE8 }
```

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