

# Converting Colors

Hex(B7D1E9)

Have a look what the booklet for  
Hex(B7D1E9) contains.

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# **Color**

**Hex(B7D1E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7D1E9
RGB	183, 209, 233
RGB Percent	72%, 82%, 91%
CMY	0.2824, 0.1804, 0.0863
CMYK	0.21, 0.10, 0.00, 0.09
HSL	209°, 53%, 82%
HSV	209°, 21%, 91%
XYZ	57.0369, 61.5514, 85.9652
YIQ	203.9620, -23.2000, 1.9520

# Conversions

## Conversions Part 2

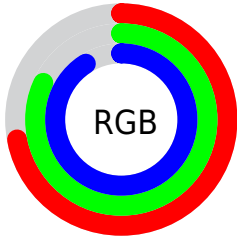
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	183, 200, 233
Decimal	12046825
CIE Lab	82.67, -3.58, -14.72
CIE LCh	83, 15.151, 256.323
Yxy	61.5514, 0.2788, 0.3009
Android (android.graphics.Color)	4290236905 (0xFFB7D1E9)
YUV	203.9620, 14.3157, -18.3837
Hunter-Lab	78.4547, -7.5255, -10.0476

# Details

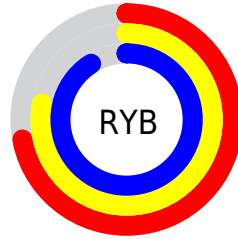
The Hex color **B7D1E9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E9CFB7**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFFFF**, and **819BB1** is the 20% darker color. If you saturate the color by 10%, you get **A0C6E9**, and if you desaturate by 10%, it is **CEDCE9**.

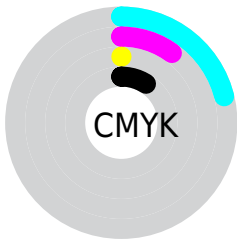
# Distribution



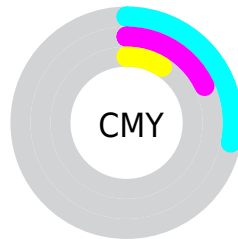
- Red (72%)
- Green (82%)
- Blue (91%)



- Red (72%)
- Yellow (78%)
- Blue (91%)



- Cyan (21%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (28%)
- Magenta (18%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7D1E9 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 B7D1E9 by changing the saturation by 10% instead.



 B7D1E9

 B7D1E9

FFFFFF

 9CB5CD

 EFFFFFF

 819BB1

 688197

 4F687D

 365064

 1F394C

 052335

 000E20

 000005

 B7D1E9

 B7D1E9

 A0C6E9

 CEDCE9

 88BBE9

 E6E7E9

 71AFE9

 FDF3E9

 5AA4E9

 FFFEE9

 4299E9

 FFFFEE9

 2B8EE9

 1483E9

 0079E9

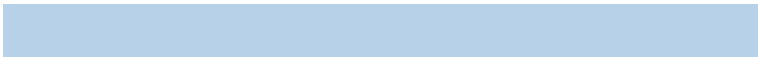
# Harmonies

## Analogous

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



ACD5E2



B7D1E9



C8CCE9

# Triad

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



B7D1E9



ECC4C6



C1D3BA

# Complementary

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



B7D1E9



E9CFB7

# 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.



D1CFB2



B7D1E9



EAC6BA

# Square

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



B7D1E9



E7C5D5



E0CBB2



B2D6C7

# Rectangle

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



B7D1E9



D4C9E5



E0CBB2



C6D2B7

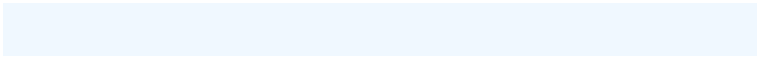


# Sweetspot

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



B7D1E9



F0F8FF



B7E9CE



777B80



000000



808080

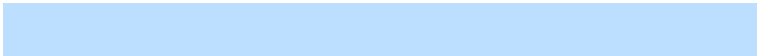


# Same Dimension

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



B7D1E9



BDDFFF



B7B9E9



6A7075



005EB5



001C36



# Inverse Universe

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



E9B7D1



FFBDDF



E9E7B7



756A70



B5005E

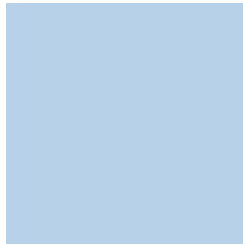


36001C



# Previews

## White Background



This preview shows how the Hex color B7D1E9 looks on a white background.

## Color Contrast Check

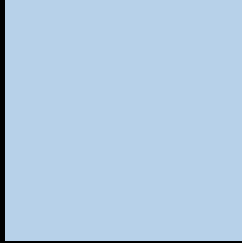
Large Text (above 18pt) WCAG AA × Fail

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 B7D1E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

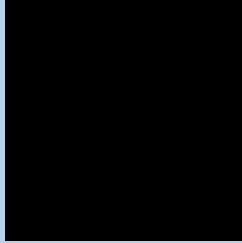
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

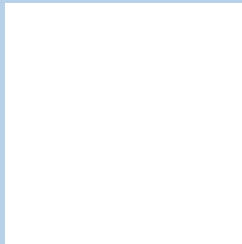
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7D1E9 Background



This preview shows how black text looks on a background with the Hex color B7D1E9.

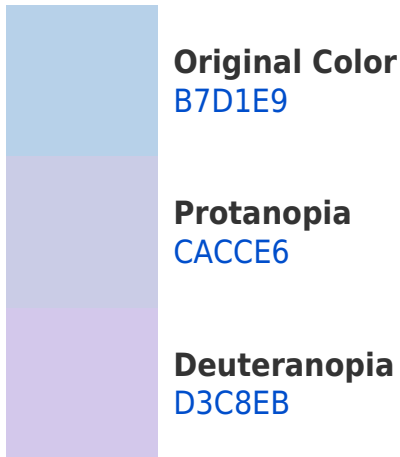


This preview shows how white text looks on a background with the Hex color B7D1E9.

# 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



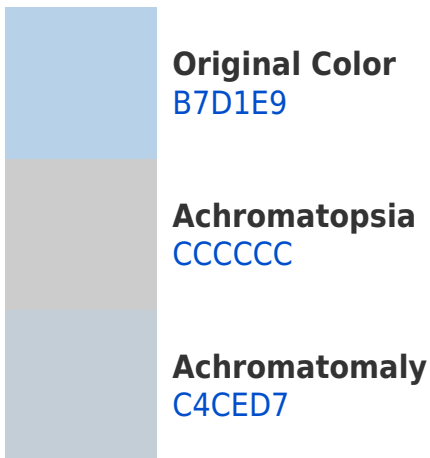


**Tritanopia**  
B6D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7D1E9 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 #B7D1E9 looks like.

```
.text, #text, p{  
    color:#B7D1E9  
}
```

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 #B7D1E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D1E9
}
```

## Border

The CSS property to change the border of an element to Hex B7D1E9 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
#B7D1E9 }
```

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

```
.border{ border-color:#B7D1E9 }
```

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

Here you see how a box with a 4 pixel #B7D1E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D1E9; -webkit-box-shadow:4px 4px  
4px 4px #B7D1E9; box-shadow:4px 4px 4px  
4px #B7D1E9 }
```

# Background

The CSS property to change the background color of an element to Hex B7D1E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D1E9 }
```

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

```
.background{ background-color:#B7D1E9 }
```

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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