

# Converting Colors

Hex(B7D4E7)

Have a look what the booklet for  
Hex(B7D4E7) contains.

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# **Color**

**Hex(B7D4E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B7D4E7
RGB	183, 212, 231
RGB Percent	72%, 83%, 91%
CMY	0.2824, 0.1686, 0.0941
CMYK	0.21, 0.08, 0.00, 0.09
HSL	204°, 50%, 81%
HSV	204°, 21%, 91%
XYZ	57.4957, 62.9238, 84.7165
YIQ	205.4950, -23.3830, -0.2390

# Conversions

## Conversions Part 2

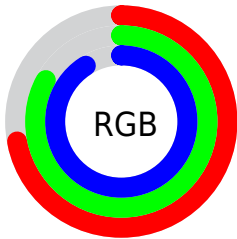
Format	Color
<b>RYB</b>	183, 201, 231
Decimal	12047591
CIELab	83.40, -5.59, -12.57
CIELCh	83, 13.755, 246.010
Yxy	62.9238, 0.2803, 0.3067
Android (android.graphics.Color)	4290237671 (0xFFB7D4E7)
YUV	205.4950, 12.5740, -19.7281
Hunter-Lab	79.3245, -9.4381, -7.7930

# Details

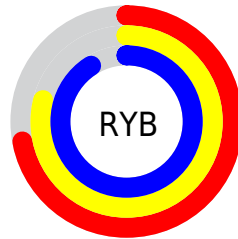
The Hex color **B7D4E7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E7CAB7**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFFFF**, and **819DAF** is the 20% darker color. If you saturate the color by 10%, you get **A0CBE7**, and if you desaturate by 10%, it is **CEDDE7**.

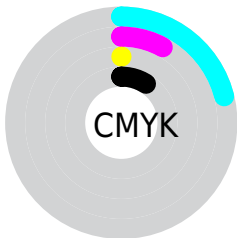
# Distribution



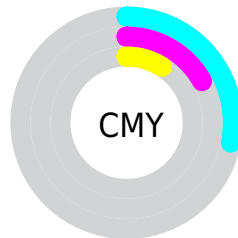
- Red (72%)
- Green (83%)
- Blue (91%)



- Red (72%)
- Yellow (79%)
- Blue (91%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (28%)
- Magenta (17%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7D4E7 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 B7D4E7 by changing the saturation by 10% instead.



 B7D4E7

FFFFFF

 EFFFFFF

 B7D4E7

 9CB8CB

 819DAF

 688395

 4F6A7B

 375262

 1F3B4A

 052534

 00111F

 000003

 B7D4E7

 B7D4E7

 A0CBE7

 CEDDE7

 89C2E7

 E5E6E7

 72B9E7

 FCFE7

 5BAFE7

 FFF9E7

 44A6E7

 FFFF7

 2C9DE7

 1594E7

 008CE7

# Harmonies

## Analogous

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



B0D7DE



B7D4E7



C5D0E9

# Triad

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



B7D4E7



EBC7CE



C9D4BB

# Complementary

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



B7D4E7



E7CAB7

# 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.



D8D0B6



B7D4E7



EBC8C1

# Square

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



B7D4E7



E3C8DB



E4CBB9



BBD7C5

# Rectangle

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



B7D4E7



D0CDE7



E4CBB9



CED2B8



# Sweetspot

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



B7D4E7



F0F9FF



B7E7C9



777C80



000000



808080

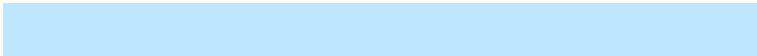


# Same Dimension

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



B7D4E7



BFE6FF



B7BDE7



676E73



006CB3



001F33



# Inverse Universe

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



E7B7D4



FFBFE6



E7E1B7



73676E



B3006C

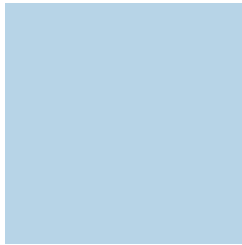


33001F



# Previews

## White Background



This preview shows how the Hex color B7D4E7 looks on a white background.

## Color Contrast Check

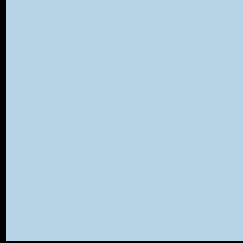
Large Text (above 18pt) WCAG AA × Fail

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 B7D4E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

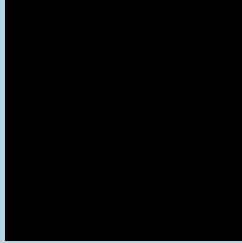
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

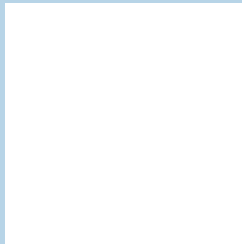
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7D4E7 Background



This preview shows how black text looks on a background with the Hex color B7D4E7.

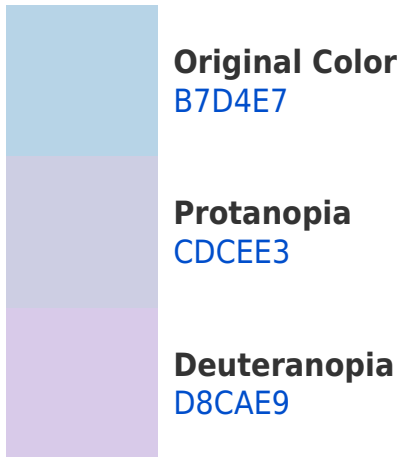


This preview shows how white text looks on a background with the Hex color B7D4E7.

# 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](#).

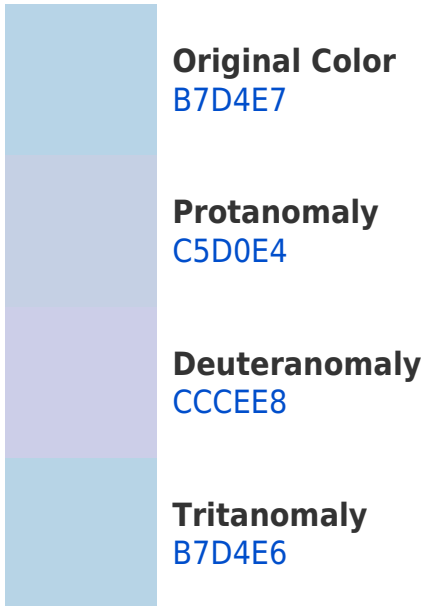
## Dichromacy



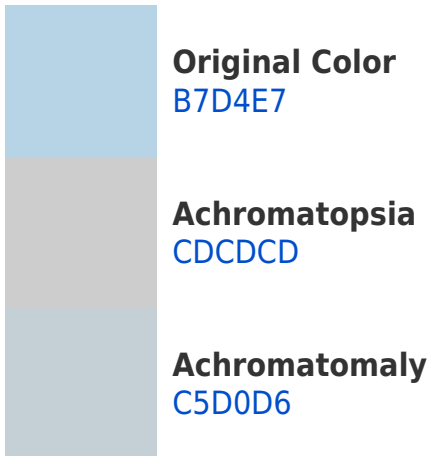


**Tritanopia**  
B7D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7D4E7 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 #B7D4E7 looks like.

```
.text, #text, p{  
    color:#B7D4E7  
}
```

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 #B7D4E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D4E7  
}
```

## Border

The CSS property to change the border of an element to Hex B7D4E7 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  
#B7D4E7 }
```

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

```
.border{ border-color:#B7D4E7 }
```

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

Here you see how a box with a 4 pixel #B7D4E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D4E7; -webkit-box-shadow:4px 4px  
4px 4px #B7D4E7; box-shadow:4px 4px 4px  
4px #B7D4E7 }
```

# Background

The CSS property to change the background color of an element to Hex B7D4E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D4E7 }
```

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

```
.background{ background-color:#B7D4E7 }
```

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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