

# Converting Colors

Hex(B7D5D9)

Have a look what the booklet for  
Hex(B7D5D9) contains.

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# **Color**

**Hex(B7D5D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7D5D9
RGB	183, 213, 217
RGB Percent	72%, 84%, 85%
CMY	0.2824, 0.1647, 0.1490
CMYK	0.16, 0.02, 0.00, 0.15
HSL	187°, 31%, 78%
HSV	187°, 16%, 85%
XYZ	55.8471, 62.6655, 74.7978
YIQ	204.4860, -19.1640, -5.1160

# Conversions

## Conversions Part 2

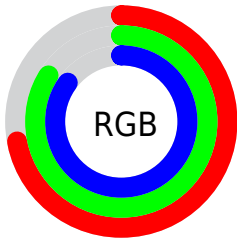
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 199, 217
Decimal	12047833
CIELab	83.27, -9.09, -5.32
CIElCh	83, 10.531, 210.360
Yxy	62.6655, 0.2889, 0.3242
Android (android.graphics.Color)	4290237913 (0xFFB7D5D9)
YUV	204.4860, 6.1694, -18.8432
Hunter-Lab	79.1616, -12.6042, -0.6086

# Details

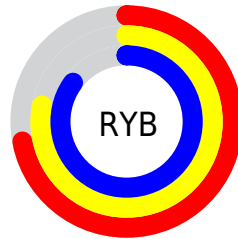
The Hex color **B7D5D9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D9BBB7**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFFFF**, and **829EA2** is the 20% darker color. If you saturate the color by 10%, you get **A1D2D9**, and if you desaturate by 10%, it is **CDD8D9**.

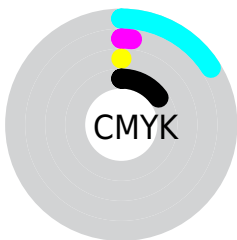
# Distribution



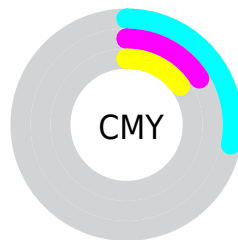
- Red (72%)
- Green (84%)
- Blue (85%)



- Red (72%)
- Yellow (78%)
- Blue (85%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (28%)
- Magenta (16%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7D5D9 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 B7D5D9 by changing the saturation by 10% instead.



 B7D5D9

FFFFFF

 EFFFFFF

 B7D5D9

 9CB9BD

 829EA2

 688488

 4F6B6F

 385356

 213C3F

 0A2629

 001215

 000000

 B7D5D9

 B7D5D9

 A1D2D9

 CDD8D9

 8CD0D9

 E2DAD9

 76CDD9

 F8DDD9

 60CBD9

 FFD9D9

 4BC8D9

 FFE2D9

 35C6D9

 FFE4D9

 1FC3D9

 FFE7D9

 09C1D9

 FFE9D9

 00BFD9

 FFECD9

# Harmonies

## Analogous

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



B9D5CF



B7D5D9



BBD3E0

# Triad

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



B7D5D9



DDCAD9



D8CFBC

# Complementary

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



B7D5D9



D9BBB7

# 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.



E1CCBF



B7D5D9



E4C9D0

# Square

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



B7D5D9



D2CDE0



E5C9C6



CCD2BE

# Rectangle

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



B7D5D9



C2D1E3



E5C9C6



DBCEBC

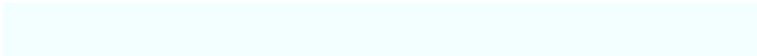


# Sweetspot

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



B7D5D9



F2FEFF



B7D9BB



787F80



000000



808080

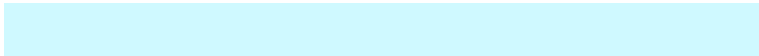


# Same Dimension

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



B7D5D9



CFF9FF



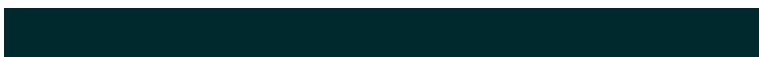
B7C4D9



636C6E



0099AD



00292E



# Inverse Universe

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



D9B7D5



FFCFF9



D9CCB7



6E636C



AD0099

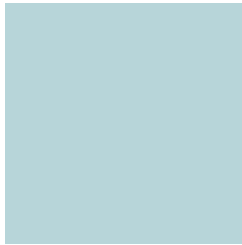


2E0029



# Previews

## White Background



This preview shows how the Hex color B7D5D9 looks on a white background.

## Color Contrast Check

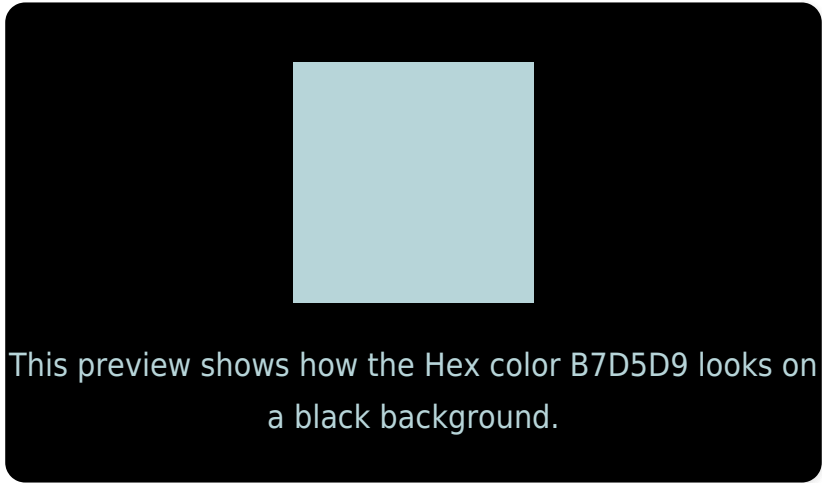
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

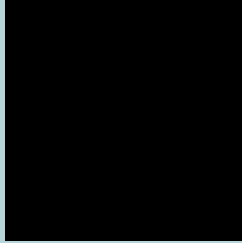
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

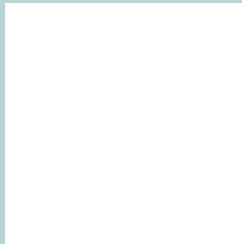
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7D5D9 Background



This preview shows how black text looks on a background with the Hex color B7D5D9.

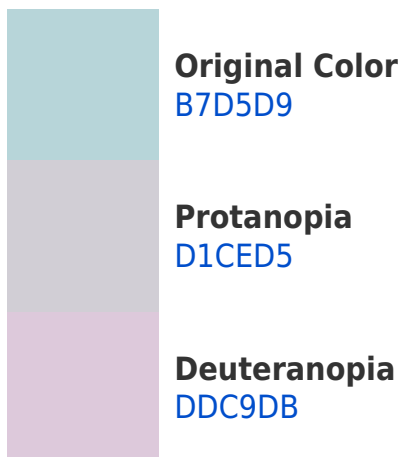


This preview shows how white text looks on a background with the Hex color B7D5D9.

# 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](#).

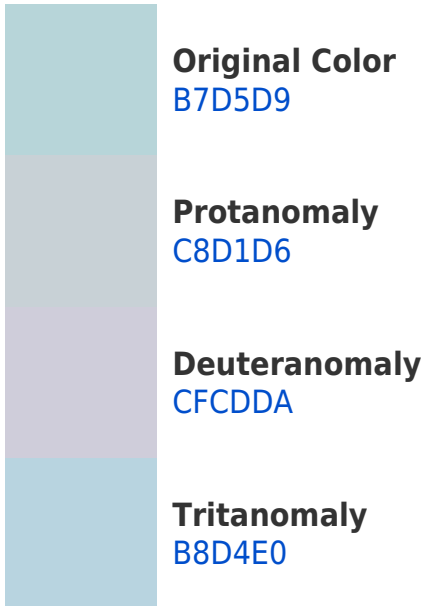
## Dichromacy



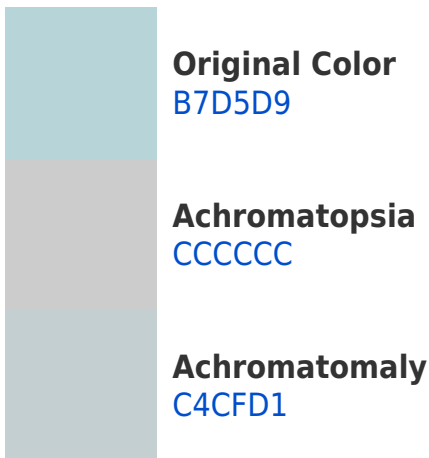


**Tritanopia**  
B9D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7D5D9 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 #B7D5D9 looks like.

```
.text, #text, p{  
    color:#B7D5D9  
}
```

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 #B7D5D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D5D9
}
```

## Border

The CSS property to change the border of an element to Hex B7D5D9 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
#B7D5D9 }
```

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

```
.border{ border-color:#B7D5D9 }
```

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

Here you see how a box with a 4 pixel #B7D5D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D5D9; -webkit-box-shadow:4px 4px  
4px 4px #B7D5D9; box-shadow:4px 4px 4px  
4px #B7D5D9 }
```

# Background

The CSS property to change the background color of an element to Hex B7D5D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D5D9 }
```

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

```
.background{ background-color:#B7D5D9 }
```

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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