

# Converting Colors

Hex(B7E5D8)

Have a look what the booklet for  
Hex(B7E5D8) contains.

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# **Color**

**Hex(B7E5D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7E5D8
RGB	183, 229, 216
RGB Percent	72%, 90%, 85%
CMY	0.2824, 0.1020, 0.1529
CMYK	0.20, 0.00, 0.06, 0.10
HSL	163°, 47%, 81%
HSV	163°, 20%, 90%
XYZ	59.9424, 71.0638, 75.5231
YIQ	213.7640, -23.2430, -13.7950

# Conversions

## Conversions Part 2

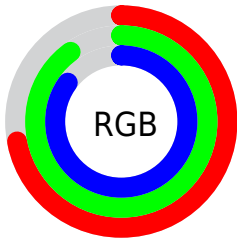
Format	Color
<a href="#">RYB</a>	<a href="#">183, 210, 229</a>
Decimal	<a href="#">12051928</a>
CIELab	<a href="#">87.52, -17.41, 1.44</a>
CIELCh	<a href="#">88, 17.468, 175.283</a>
Yxy	<a href="#">71.0638, 0.2902, 0.3441</a>
Android (android.graphics.Color)	<a href="#">4290242008 (0xFFB7E5D8)</a>
YUV	<a href="#">213.7640, 1.1023, -26.9800</a>
Hunter-Lab	<a href="#">84.2993, -20.5985, 5.8921</a>

# Details

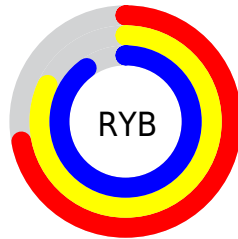
The Hex color **B7E5D8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E5B7C4**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F0FFFF**, and **81ADA1** is the 20% darker color. If you saturate the color by 10%, you get **A0E5D2**, and if you desaturate by 10%, it is **CEE5DE**.

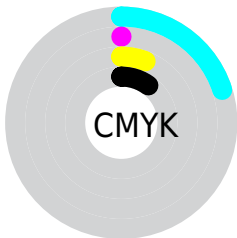
# Distribution



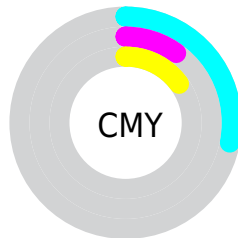
- Red (72%)
- Green (90%)
- Blue (85%)



- Red (72%)
- Yellow (82%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7E5D8 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 B7E5D8 by changing the saturation by 10% instead.



 B7E5D8

FFFFFF

 F0FFFF

 B7E5D8

 9CC9BC

 81ADA1

 679387

 4E796E

 366055

 1E483E

 043128

 001D14

 000000

 B7E5D8

 B7E5D8

 A0E5D2

 CEE5DE

 89E5CB

 E5E5E5

 72E5C5

 FCE5EB

 5BE5BE

 FFE5F2

 45E5B8

 FFE5F8

 2EE5B1

 FFE5FF

 17E5AB

 00E5A4

# Harmonies

## Analogous

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



C6E3C8



B7E5D8



B0E5E9

# Triad

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



B7E5D8



DBD8F9



F9D4C1

# Complementary

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



B7E5D8



E5B7C4

# 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.



FFD1CE



B7E5D8



EFD3EE

# Square

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



B7E5D8



C6DEFC



FBD0DF



EBD9BB

# Rectangle

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



B7E5D8



B3E3F2



FBD0DF



FCD3C4

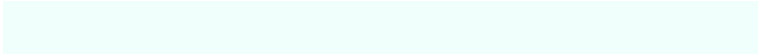


# Sweetspot

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



B7E5D8



F0FFFB



C4E5B7



77807D



000000



808080

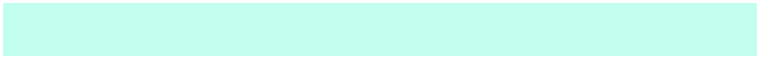


# Same Dimension

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



B7E5D8



C2FFEE



B7DBE5



677370



00B380



003325



# Inverse Universe

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



E5B7C4



FFC2D3



E5C1B7



73676B



B30032

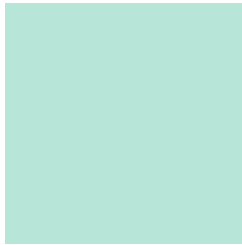


33000E



# Previews

## White Background



This preview shows how the Hex color B7E5D8 looks on a white background.

## Color Contrast Check

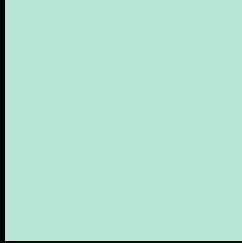
Large Text (above 18pt) WCAG AA × Fail

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 B7E5D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

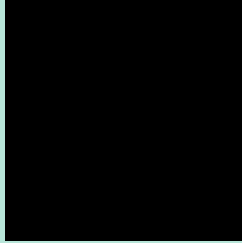
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

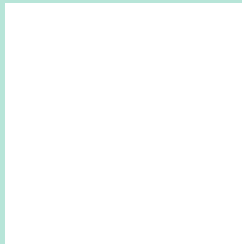
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7E5D8 Background



This preview shows how black text looks on a background with the Hex color B7E5D8.

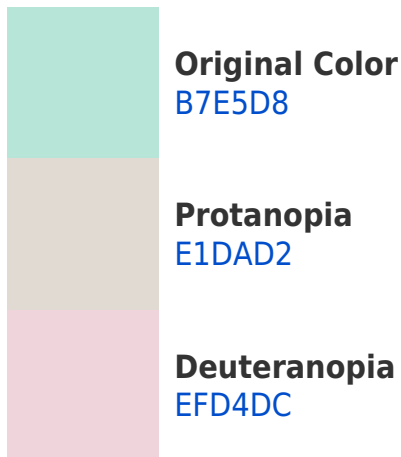


This preview shows how white text looks on a background with the Hex color B7E5D8.

# 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

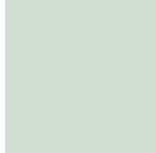




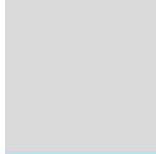
# Trichromacy



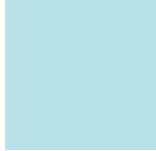
**Original Color**  
B7E5D8



**Protanomaly**  
D2DED4



**Deuteranomaly**  
DBDADB

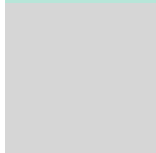


**Tritanomaly**  
BAE2E9

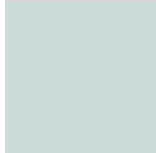
# Monochromacy



**Original Color**  
B7E5D8



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
CBDBD7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7E5D8 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 #B7E5D8 looks like.

```
.text, #text, p{  
    color:#B7E5D8  
}
```

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 #B7E5D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E5D8
}
```

## Border

The CSS property to change the border of an element to Hex B7E5D8 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
#B7E5D8 }
```

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

```
.border{ border-color:#B7E5D8 }
```

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

Here you see how a box with a 4 pixel #B7E5D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E5D8; -webkit-box-shadow:4px 4px  
4px 4px #B7E5D8; box-shadow:4px 4px 4px  
4px #B7E5D8 }
```

# Background

The CSS property to change the background color of an element to Hex B7E5D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E5D8 }
```

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

```
.background{ background-color:#B7E5D8 }
```

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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