

# Converting Colors

Hex(BBD7E7)

Have a look what the booklet for  
Hex(BBD7E7) contains.

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# **Color**

**Hex(BBD7E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBD7E7
RGB	187, 215, 231
RGB Percent	73%, 84%, 91%
CMY	0.2667, 0.1569, 0.0941
CMYK	0.19, 0.07, 0.00, 0.09
HSL	202°, 48%, 82%
HSV	202°, 19%, 91%
XYZ	59.2178, 64.9352, 85.0139
YIQ	208.4520, -21.8240, -0.9600

# Conversions

## Conversions Part 2

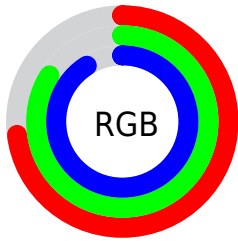
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 204, 231
Decimal	12310503
CIELab	84.45, -5.93, -10.97
CIELCh	84, 12.474, 241.617
Yxy	64.9352, 0.2831, 0.3104
Android (android.graphics.Color)	4290500583 (0xFFBBD7E7)
YUV	208.4520, 11.1162, -18.8134
Hunter-Lab	80.5824, -9.8444, -6.1429

# Details

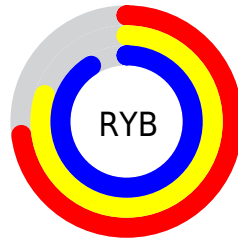
The Hex color **BBD7E7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E7CBBB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **F4FFFF**, and **85A0AF** is the 20% darker color. If you saturate the color by 10%, you get **A4CFE7**, and if you desaturate by 10%, it is **D2DFE7**.

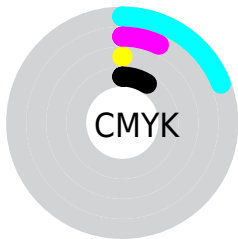
# Distribution



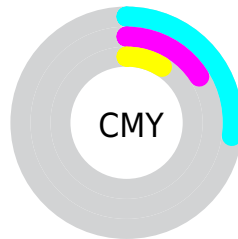
- Red (73%)
- Green (84%)
- Blue (91%)



- Red (73%)
- Yellow (80%)
- Blue (91%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (16%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBD7E7 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 BBD7E7 by changing the saturation by 10% instead.



 BBD7E7


FFFFFF

 F4FFFF

 BBD7E7

 A0BBCB

 85A0AF

 6B8695

 536D7B

 3A5562

 233D4A

 0B2834

 00131F

 000003

 BBD7E7

 BBD7E7

 A4CFE7

 D2DFE7

 8DC6E7

 E9E8E7

 76BEE7

 FFF0E7

 5FB5E7

 FFF9E7

 48ADE7

 FFFF E7

 30A5E7

 199CE7

 0294E7

 0093E7

# Harmonies

## Analogous

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



B5D9DF



BBD7E7



C7D3EA

# Triad

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



BBD7E7



EBCBD2



CFD6BF

# Complementary

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



**BBD7E7**



**E7CBBB**

# 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.



DCD2BB



BBD7E7



ECCCC7

# Square

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



BBD7E7



E3CCDE



E7CEBE



C1D9C7

# Rectangle

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



BBD7E7



D1D1E8



E7CEBE



D3D5BD



# Sweetspot

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



BBD7E7



F0F9FF



BBE7CA



777C80



000000



808080

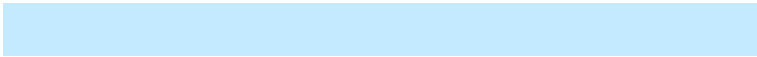


# Same Dimension

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



BBD7E7



C4EAFF



BBC2E7



676F73



0072B3



002033



# Inverse Universe

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



E7BBD7



FFC4EA



E7E0BB



73676F



B30072

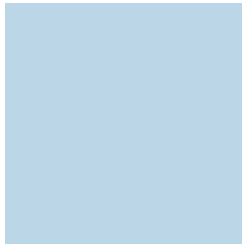


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# Previews

## White Background



This preview shows how the Hex color BBD7E7 looks on a white background.

## Color Contrast Check

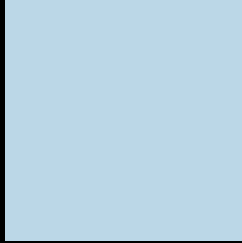
Large Text (above 18pt) WCAG AA × Fail

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 BBD7E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

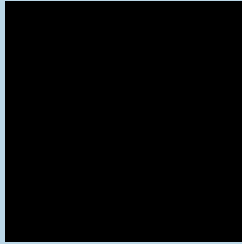
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

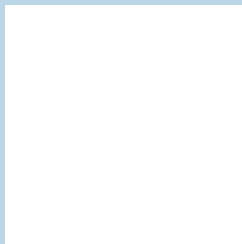
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBD7E7 Background



This preview shows how black text looks on a background with the Hex color BBD7E7.

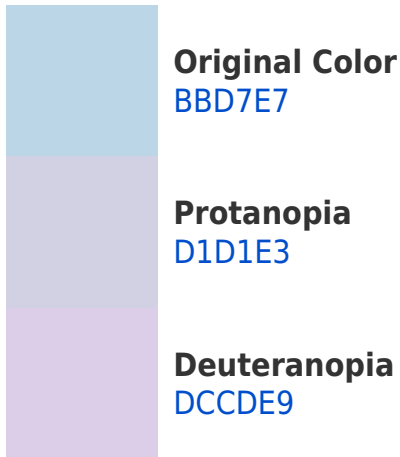


This preview shows how white text looks on a background with the Hex color BBD7E7.

# 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](#).

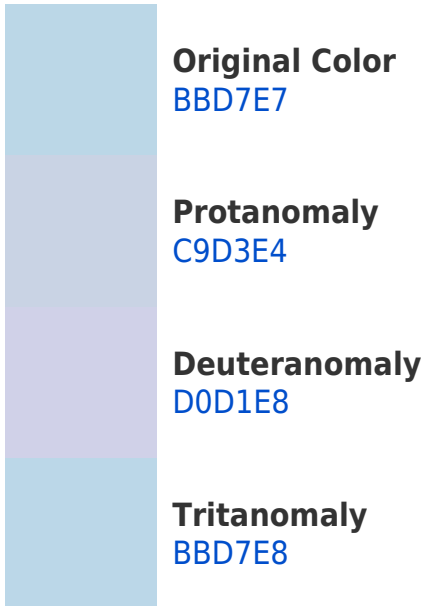
## Dichromacy



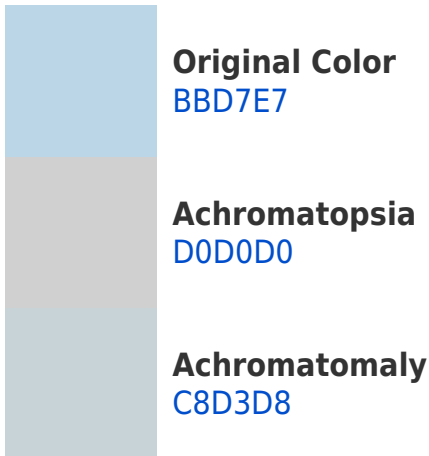


**Tritanopia**  
BBD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBD7E7 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 #BBD7E7 looks like.

```
.text, #text, p{  
    color:#BBD7E7  
}
```

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 #BBD7E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBD7E7
}
```

## Border

The CSS property to change the border of an element to Hex BBD7E7 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
#BBD7E7 }
```

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

```
.border{ border-color:#BBD7E7 }
```

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

Here you see how a box with a 4 pixel #BBD7E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBD7E7; -webkit-box-shadow:4px 4px  
4px 4px #BBD7E7; box-shadow:4px 4px 4px  
4px #BBD7E7 }
```

# Background

The CSS property to change the background color of an element to Hex BBD7E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBD7E7 }
```

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

```
.background{ background-color:#BBD7E7 }
```

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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