

# Converting Colors

Hex(BFD7E5)

Have a look what the booklet for  
Hex(BFD7E5) contains.

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# **Color**

**Hex(BFD7E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFD7E5
RGB	191, 215, 229
RGB Percent	75%, 84%, 90%
CMY	0.2510, 0.1569, 0.1020
CMYK	0.17, 0.06, 0.00, 0.10
HSL	202°, 42%, 82%
HSV	202°, 17%, 90%
XYZ	59.9292, 65.3344, 83.5809
YIQ	209.4200, -18.7980, -0.7340

# Conversions

## Conversions Part 2

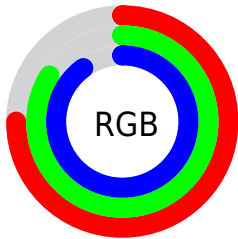
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 206, 229
Decimal	12572645
CIE <sub>Lab</sub>	84.66, -5.11, -9.58
CIE <sub>LCh</sub>	85, 10.858, 241.915
Yxy	65.3344, 0.2870, 0.3128
Android (android.graphics.Color)	4290762725 (0xFFBFD7E5)
YUV	209.4200, 9.6529, -16.1543
Hunter-Lab	80.8297, -9.1076, -4.7273

# Details

The Hex color **BFD7E5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E5CDBF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **F8FFFF**, and **89A0AE** is the 20% darker color. If you saturate the color by 10%, you get **A8CFE5**, and if you desaturate by 10%, it is **D6DFE5**.

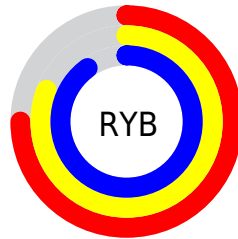
# Distribution



Red (75%)

Green (84%)

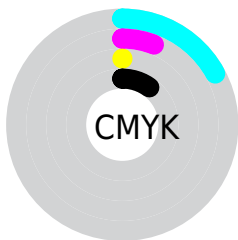
Blue (90%)



Red (75%)

Yellow (81%)

Blue (90%)

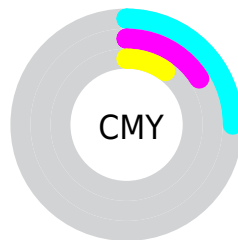


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (10%)



Cyan (25%)

Magenta (16%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFD7E5 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 BFD7E5 by changing the saturation by 10% instead.



 BFD7E5

 BFD7E5

FFFFFF

 A4BBC9

 F8FFFF


 89A0AE

 6F8693

 576D79

 3F5560

 283D49

 112832

 00131D

 000001

 BFD7E5

 BFD7E5

 A8CFE5

 D6DFE5

 91C6E5

 EDE8E5

 7ABEE5

 FFF0E5

 63B5E5

 FFF9E5

 4DADE5

 FFFF E5

 36A4E5

 1F9CE5

 0894E5

 0091E5

# Harmonies

## Analogous

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



BAD9DE



BFD7E5



CAD4E8

# Triad

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



BFD7E5



E8CCD3



D0D6C2

# Complementary

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



BFD7E5



E5CDBF

# 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.



DBD3BF



BFD7E5



E9CDC9

# Square

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



BFD7E5



E2CEDD



E5CFC2



C4D8C9

# Rectangle

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



BFD7E5



D2D2E6



E5CFC2



D4D5C0



# Sweetspot

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



BFD7E5



F2FAFF



BFE5CD



787D80



000000



808080

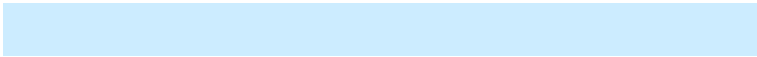


# Same Dimension

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



BFD7E5



CCECFE



BFC4E5



676F73



0071B3



002033



# Inverse Universe

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



E5BFD7



FFCCEC



E5E0BF



73676F



B30071

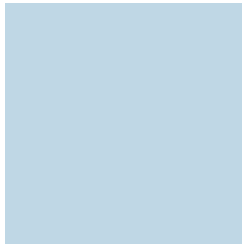


330020



# Previews

## White Background



This preview shows how the Hex color BFD7E5 looks on a white background.

## Color Contrast Check

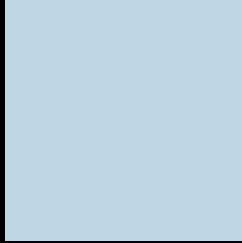
Large Text (above 18pt) WCAG AA × Fail

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 BFD7E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

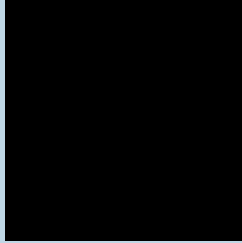
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

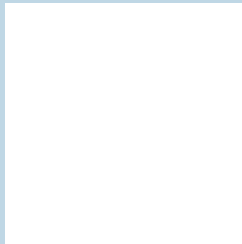
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BFD7E5 Background



This preview shows how black text looks on a background with the Hex color BFD7E5.

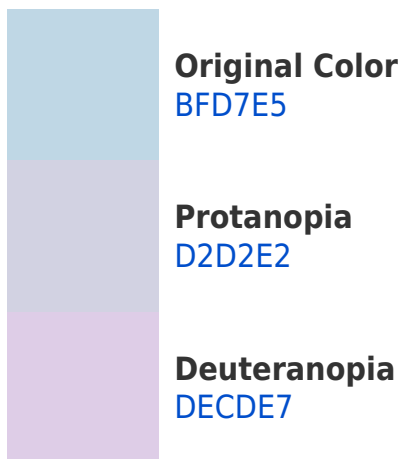


This preview shows how white text looks on a background with the Hex color BFD7E5.

# 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](#).

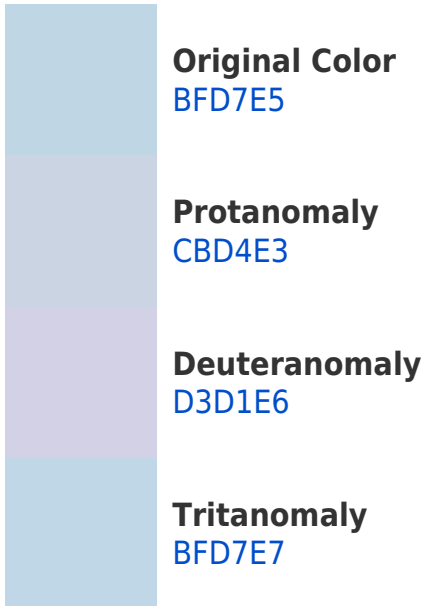
## Dichromacy



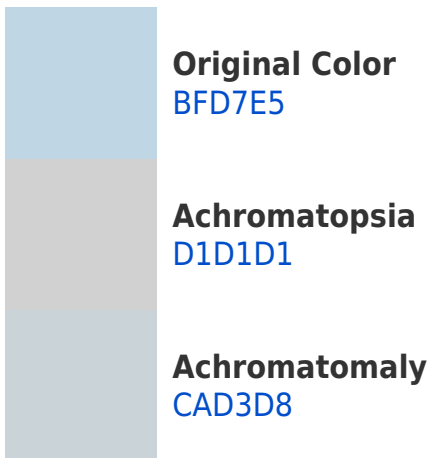


**Tritanopia**  
BFD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFD7E5 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 #BFD7E5 looks like.

```
.text, #text, p{  
    color:#BFD7E5  
}
```

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 #BFD7E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFD7E5
}
```

## Border

The CSS property to change the border of an element to Hex BFD7E5 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
#BFD7E5 }
```

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

```
.border{ border-color:#BFD7E5 }
```

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

Here you see how a box with a 4 pixel #BFD7E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFD7E5; -webkit-box-shadow:4px 4px  
4px 4px #BFD7E5; box-shadow:4px 4px 4px  
4px #BFD7E5 }
```

# Background

The CSS property to change the background color of an element to Hex BFD7E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFD7E5 }
```

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

```
.background{ background-color:#BFD7E5 }
```

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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