

# Converting Colors

Hex(B3CFD7)

Have a look what the booklet for  
Hex(B3CFD7) contains.

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# **Color**

**Hex(B3CFD7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B3CFD7
RGB	179, 207, 215
RGB Percent	70%, 81%, 84%
CMY	0.2980, 0.1882, 0.1569
CMYK	0.17, 0.04, 0.00, 0.16
HSL	193°, 31%, 77%
HSV	193°, 17%, 84%
XYZ	53.1690, 59.1156, 72.8981
YIQ	199.5400, -19.2560, -3.4480

# Conversions

## Conversions Part 2

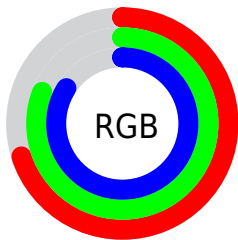
Format	Color
R <sub>Y</sub> B	179, 195, 215
Decimal	11784151
CIE Lab	81.36, -7.65, -7.11
CIE LCh	81, 10.447, 222.892
Yxy	59.1156, 0.2871, 0.3192
Android (android.graphics.Color)	4289974231 (0xFFB3CFD7)
YUV	199.5400, 7.6218, -18.0136
Hunter-Lab	76.8867, -11.1148, -2.3936

# Details

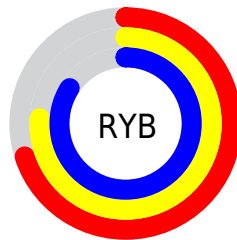
The Hex color **B3CFD7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D7BBB3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **EBFFFF**, and **7E99A0** is the 20% darker color. If you saturate the color by 10%, you get **9ECAD7**, and if you desaturate by 10%, it is **C9D4D7**.

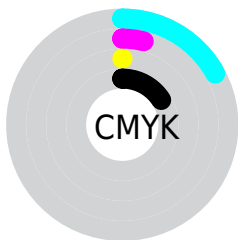
# Distribution



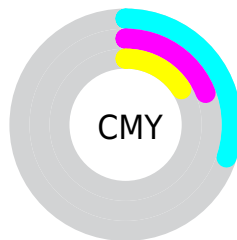
- Red (70%)
- Green (81%)
- Blue (84%)



- Red (70%)
- Yellow (76%)
- Blue (84%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (30%)
- Magenta (19%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3CFD7 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 B3CFD7 by changing the saturation by 10% instead.



 B3CFD7

 B3CFD7

FFFFFF

 98B3BB

 EBFFFF

 7E99A0

 647F86

 4C666D

 344E55

 1E373D

 072228

 000A13

 000000

 B3CFD7

 B3CFD7

 9ECAD7

 C9D4D7

 88C5D7

 DED9D7

 73C1D7

 F3DDD7

 5DBCD7

 FFE2D7

 47B7D7

 FFE7D7

 32B2D7

 FFECD7

 1CAED7

 FFF0D7

 07A9D7

 FFF5D7

 00A7D7

 FFFAD7

# Harmonies

## Analogous

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



B3D0CE



B3CFD7



BACDDC

# Triad

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



B3CFD7



DBC4D0



CECBB7

# Complementary

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



B3CFD7



D7BBB3

# 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.



D8C8B8



B3CFD7



DFC4C6

# Square

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



B3CFD7



D1C6D8



DEC5BD



C2CEBC

# Rectangle

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



B3CFD7



C1CBDD



DEC5BD



D1CAB7



# Sweetspot

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



B3CFD7



F2FCFF



B3D7BB



787E80



000000



808080

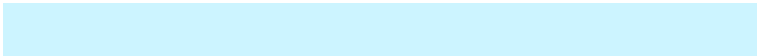


# Same Dimension

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



B3CFD7



CCF4FF



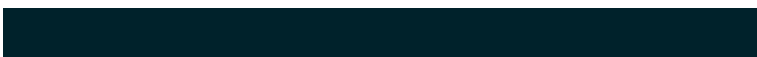
B3BDD7



60696B



0085AB



00222B



# Inverse Universe

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



D7B3CF



FFCCF4



D7CDB3



6B6069



AB0085

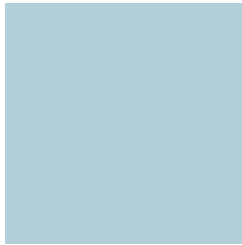


2B0022



# Previews

## White Background



This preview shows how the Hex color B3CFD7 looks on a white background.

## Color Contrast Check

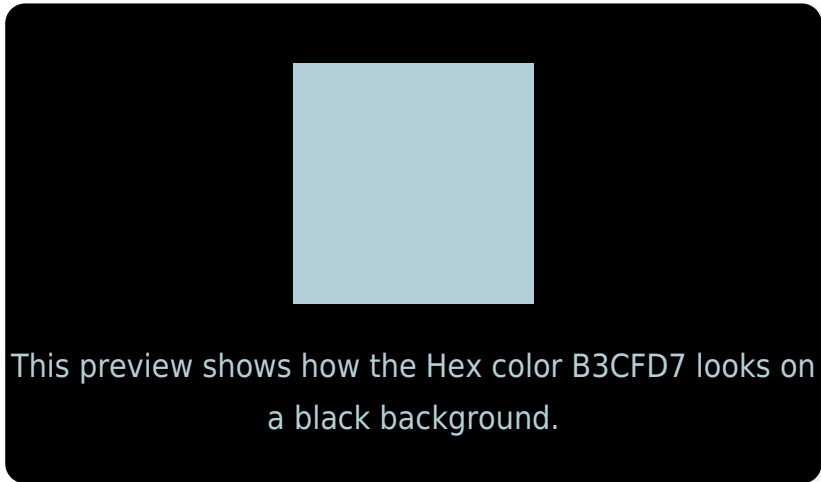
Large Text (above 18pt) WCAG AA × Fail

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

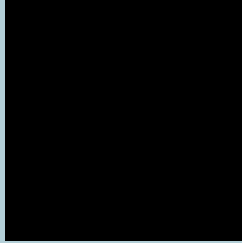
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

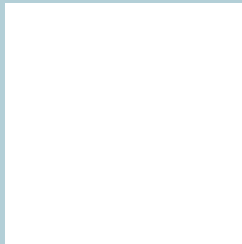
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3CFD7 Background



This preview shows how black text looks on a background with the Hex color B3CFD7.

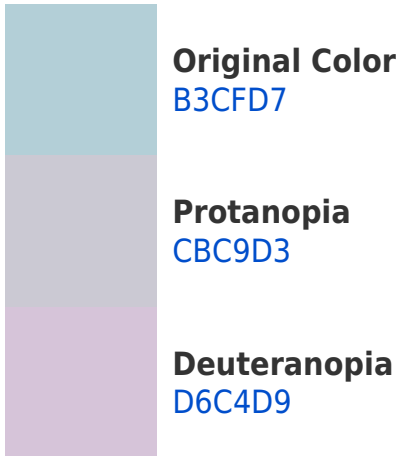


This preview shows how white text looks on a background with the Hex color B3CFD7.

# Color Blindness Simulation

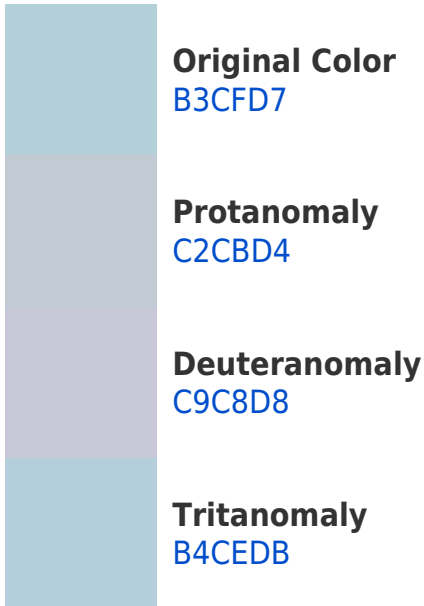
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

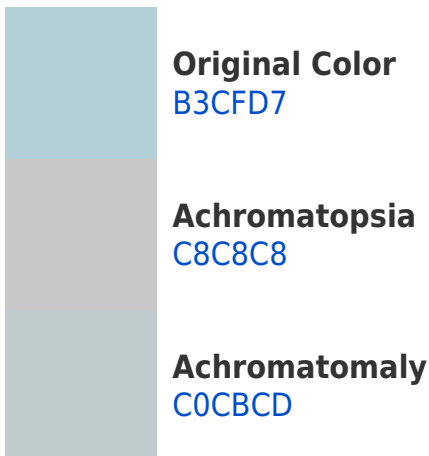




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3CFD7 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 #B3CFD7 looks like.

```
.text, #text, p{  
    color:#B3CFD7  
}
```

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 #B3CFD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3CFD7
}
```

## Border

The CSS property to change the border of an element to Hex B3CFD7 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
#B3CFD7 }
```

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

```
.border{ border-color:#B3CFD7 }
```

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

Here you see how a box with a 4 pixel #B3CFD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3CFD7; -webkit-box-shadow:4px 4px  
4px 4px #B3CFD7; box-shadow:4px 4px 4px  
4px #B3CFD7 }
```

# Background

The CSS property to change the background color of an element to Hex B3CFD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3CFD7 }
```

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

```
.background{ background-color:#B3CFD7 }
```

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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