

# Converting Colors

Hex(B3BDDE)

Have a look what the booklet for  
Hex(B3BDDE) contains.

<b>Hex(B3BDDE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B3BDDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3BDDE
RGB	179, 189, 222
RGB Percent	70%, 74%, 87%
CMY	0.2980, 0.2588, 0.1294
CMYK	0.19, 0.15, 0.00, 0.13
HSL	226°, 39%, 79%
HSV	226°, 19%, 87%
XYZ	49.9728, 51.2528, 76.3662
YIQ	189.7720, -16.5530, 8.1430

# Conversions

## Conversions Part 2

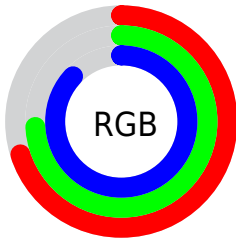
Format	Color
<b>RYB</b>	179, 187, 222
Decimal	11779550
CIELab	76.83, 3.42, -17.64
CIELCh	77, 17.969, 280.961
Yxy	51.2528, 0.2814, 0.2886
Android (android.graphics.Color)	4289969630 (0xFFB3BDDE)
YUV	189.7720, 15.8884, -9.4470
Hunter-Lab	71.5911, -0.6858, -13.1309

# Details

The Hex color **B3BDDE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DED4B3**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **EBF5FF**, and **7E88A7** is the 20% darker color. If you saturate the color by 10%, you get **9DACDE**, and if you desaturate by 10%, it is **C9CEDE**.

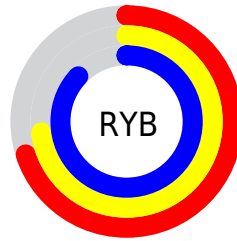
# Distribution



Red (70%)

Green (74%)

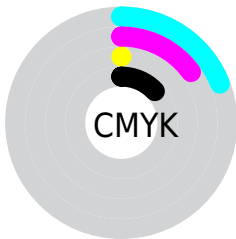
Blue (87%)



Red (70%)

Yellow (73%)

Blue (87%)

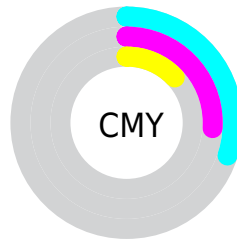


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (13%)



Cyan (30%)

Magenta (26%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3BDDE 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 B3BDDE by changing the saturation by 10% instead.



 B3BDDE

 B3BDDE

FFFFFF

 98A2C2

 EBF5FF

 7E88A7

 646E8C

 4C5673

 343F5A

 1D2943

 06152C

 000118

 000000

 B3BDDE

 B3BDDE

 9DACDE

 C9CEDE

 879BDE

 DFDDE

 708ADE

 F6F0DE

 5A79DE

 FFFFDE

 4468DE

 2E57DE

 1846DE

 0135DE

 0034DE

# Harmonies

## Analogous

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



9FC2DD



B3BDDE



C8B7D7

# Triad

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



B3BDDE



DFB4A9



A0C6B2

# Complementary

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



B3BDDE



DED4B3

# 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.



B1C3A4



B3BDDE



D5B99F

# Square

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



B3BDDE



E0B2B8



C4BE9D



94C7C3

# Rectangle

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



B3BDDE



D4B4CE



C4BE9D



A5C6AD



# Sweetspot

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



B3BDDE



F0F3FF



B3DED4



777980



000000



808080



# Same Dimension

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



B3BDDE



C4D2FF



BEB3DE



656870



0029B0



000B30



# Inverse Universe

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



DEB3BD



FFC4D2



D3DEB3



706568



B00029

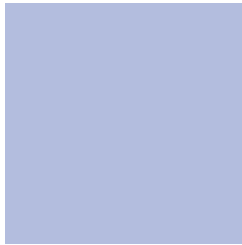


30000B



# Previews

## White Background



This preview shows how the Hex color B3BDDE looks on a white background.

## Color Contrast Check

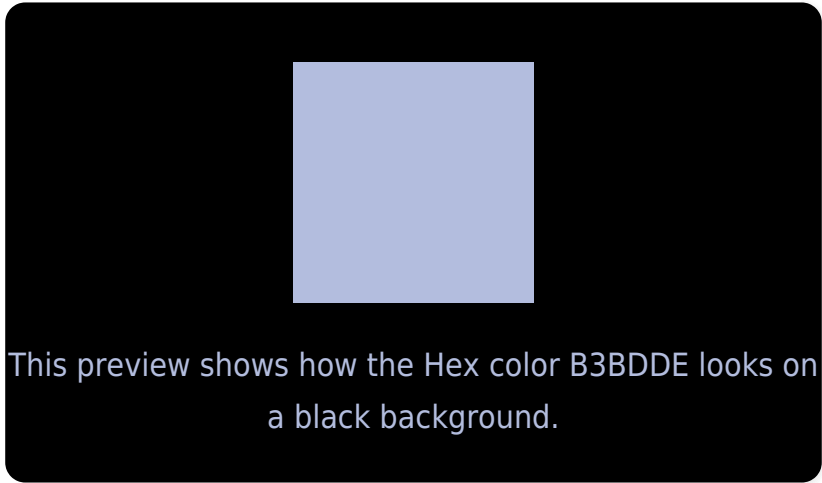
Large Text (above 18pt) WCAG AA × Fail

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

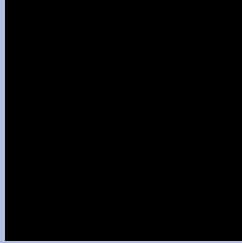
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

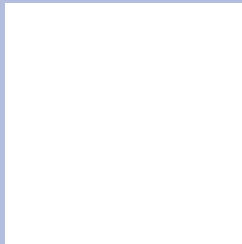
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3BDDE Background



This preview shows how black text looks on a background with the Hex color B3BDDE.



This preview shows how white text looks on a background with the Hex color B3BDDE.

# 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



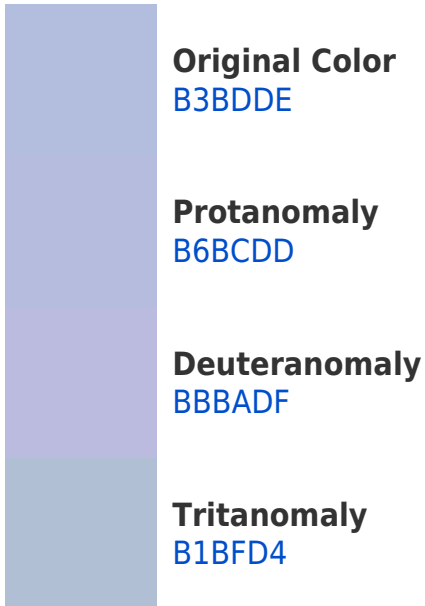
**Original Color**  
B3BDDE

**Protanopia**  
B7BCDD

**Deuteranopia**  
C0B9DF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3BDDE 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 #B3BDDE looks like.

```
.text, #text, p{  
    color:#B3BDDE  
}
```

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 #B3BDDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3BDDE  
}
```

## Border

The CSS property to change the border of an element to Hex B3BDDE 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  
#B3BDDE }
```

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

```
.border{ border-color:#B3BDDE }
```

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

Here you see how a box with a 4 pixel #B3BDDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3BDDE; -webkit-box-shadow:4px 4px  
4px 4px #B3BDDE; box-shadow:4px 4px 4px  
4px #B3BDDE }
```

# Background

The CSS property to change the background color of an element to Hex B3BDDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3BDDE }
```

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

```
.background{ background-color:#B3BDDE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor