

# Converting Colors

Hex(B3BDEE)

Have a look what the booklet for  
Hex(B3BDEE) contains.

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# Color

Hex(**B3BDEE**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B3BDEE
RGB	179, 189, 238
RGB Percent	70%, 74%, 93%
CMY	0.2980, 0.2588, 0.0667
CMYK	0.25, 0.21, 0.00, 0.07
HSL	230°, 63%, 82%
HSV	230°, 25%, 93%
XYZ	52.2206, 52.1519, 88.2029
YIQ	191.5960, -21.6890, 13.1190

# Conversions

## Conversions Part 2

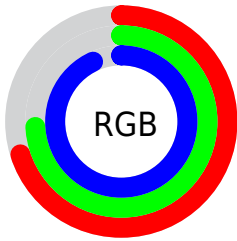
Format	Color
<a href="#">RYB</a>	<a href="#">179, 188, 238</a>
Decimal	<a href="#">11779566</a>
CIELab	<a href="#">77.37, 7.05, -25.45</a>
CIELCh	<a href="#">77, 26.413, 285.486</a>
Yxy	<a href="#">52.1519, 0.2712, 0.2708</a>
Android (android.graphics.Color)	<a href="#">4289969646</a> ( <a href="#">0xFFB3BDEE</a> )
YUV	<a href="#">191.5960, 22.8772, -11.0467</a>
Hunter-Lab	<a href="#">72.2163, 2.6973, -21.8637</a>

# Details

The Hex color **B3BDEE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EEE4B3**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **ECF5FF**, and **7D88B6** is the 20% darker color. If you saturate the color by 10%, you get **9BA9EE**, and if you desaturate by 10%, it is **CBD1EE**.

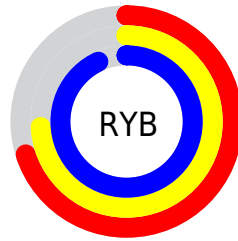
# Distribution



Red (70%)

Green (74%)

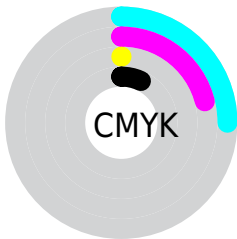
Blue (93%)



Red (70%)

Yellow (74%)

Blue (93%)

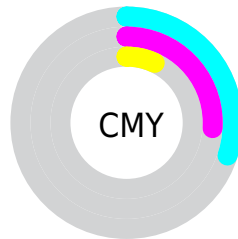


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (30%)

Magenta (26%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3BDEE 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 B3BDEE by changing the saturation by 10% instead.



 B3BDEE

 B3BDEE

FFFFFF


 98A2D2

 ECF5FF

 7D88B6

 636F9B

 4A5681

 313F68

 18294F

 001538

 000223

 000009

 B3BDEE

 B3BDEE

 9BA9EE

 CBD1EE

 8395EE

 E3E5EE

 6C82EE

 FAF8EE

 546EEE

 FFFFEE

 3C5AEE

 2446EE

 0C33EE

 0028EE

# Harmonies

## Analogous

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



92C5EE



B3BDEE



D3B5E2

# Triad

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



B3BDEE



ECB29D



8DCCB2

# Complementary

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



B3BDEE



EEE4B3

# 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.



A8C89C



B3BDEE



DCB990

# Square

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



B3BDEE



F1AEB3



C4C290



7BCDCB

# Rectangle

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



B3BDEE



E3B0D4



C4C290



96CBAA



# Sweetspot

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



B3BDEE



EDF0FF



B3EEE3



757780



000000



808080



# Same Dimension

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



B3BDEE



B3BFFF



C6B3EE



6C6E78



001FB8



000A38



# Inverse Universe

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



EEB3BD



FFB3BF



DBEEB3



786C6E



B8001F

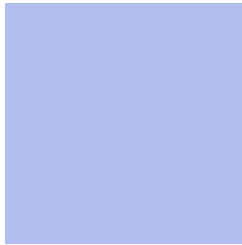


38000A



# Previews

## White Background



This preview shows how the Hex color B3BDEE looks on a white background.

## Color Contrast Check

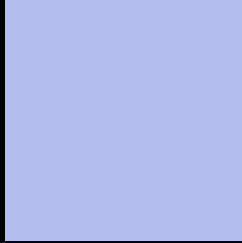
Large Text (above 18pt) WCAG AA × Fail

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 B3BDEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

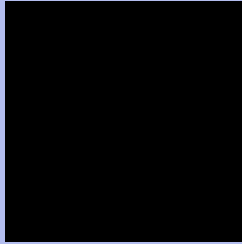
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3BDEE Background



This preview shows how black text looks on a background with the Hex color B3BDEE.



This preview shows how white text looks on a background with the Hex color B3BDEE.

# 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**  
B3BDEE

**Protanopia**  
B3BDEE

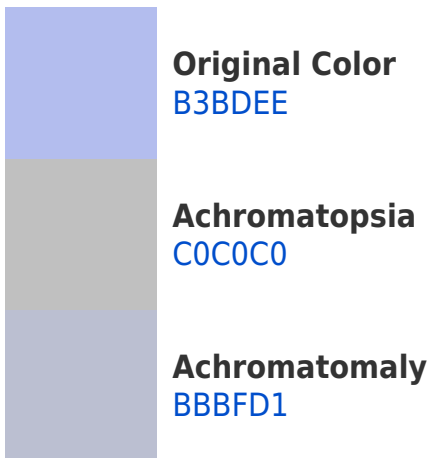
**Deuteranopia**  
B9BBEE



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3BDEE 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 #B3BDEE looks like.

```
.text, #text, p{  
    color:#B3BDEE  
}
```

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 #B3BDEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3BDEE
}
```

## Border

The CSS property to change the border of an element to Hex B3BDEE 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
#B3BDEE }
```

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

```
.border{ border-color:#B3BDEE }
```

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

Here you see how a box with a 4 pixel #B3BDEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3BDEE; -webkit-box-shadow:4px 4px  
4px 4px #B3BDEE; box-shadow:4px 4px 4px  
4px #B3BDEE }
```

# Background

The CSS property to change the background color of an element to Hex B3BDEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3BDEE }
```

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

```
.background{ background-color:#B3BDEE }
```

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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