

# Converting Colors

Hex(B7BEFF)

Have a look what the booklet for  
Hex(B7BEFF) contains.

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# **Color**

**Hex(B7BEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<b>B7BEFF</b>
RGB	<b>183, 190, 255</b>
RGB Percent	<b>72%, 75%, 100%</b>
CMY	<b>0.2824, 0.2549, 0.0000</b>
CMYK	<b>0.28, 0.25, 0.00, 0.00</b>
HSL	<b>234°, 100%, 86%</b>
HSV	<b>234°, 28%, 100%</b>
XYZ	<b>55.9919, 54.1142, 102.1017</b>
YIQ	<b>195.3170, -25.0370, 18.7310</b>

# Conversions

## Conversions Part 2

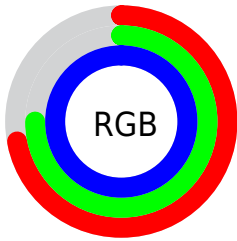
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 189, 255
Decimal	12041983
CIE <sub>Lab</sub>	78.53, 11.70, -32.78
CIE <sub>LCh</sub>	79, 34.803, 289.638
Yxy	54.1142, 0.2639, 0.2550
Android (android.graphics.Color)	4290232063 (0xFFB7BEFF)
YUV	195.3170, 29.4237, -10.8020
Hunter-Lab	73.5623, 7.1310, -30.7986

# Details

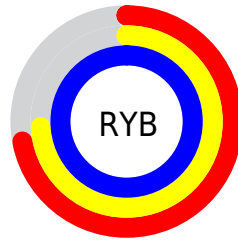
The Hex color **B7BEFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF8B7**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **F0F6FF**, and **8089C6** is the 20% darker color. If you saturate the color by 10%, you get **9EA7FF**, and if you desaturate by 10%, it is **D1D5FF**.

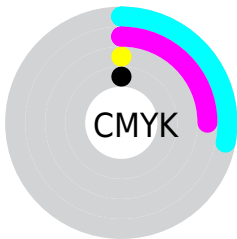
# Distribution



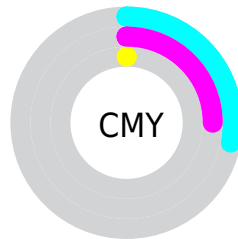
- Red (72%)
- Green (75%)
- Blue (100%)



- Red (72%)
- Yellow (74%)
- Blue (100%)



- Cyan (28%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (25%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7BEFF 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 B7BEFF by changing the saturation by 10% instead.



 B7BEFF

FFFFFF

 F0F6FF

 B7BEFF

 9BA3E2

 8089C6

 666FAB

 4C5790

 324076

 162A5D

 001645

 00002F

 000119

 B7BEFF

 B7BEFF

 9EA7FF


 D1D5FF

 8490FF

 EAECFF

 6A79FF

FFFFFF

 5162FF

 384BFF

 1E34FF

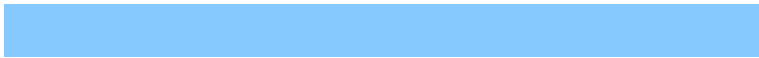
 051DFF

 0019FF

# Harmonies

## Analogous

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



86C9FF



B7BEFF



E0B3EC

# Triad

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



B7BEFF



FAB292



78D3B6

# Complementary

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



B7BEFF



FFF8B7

# 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.



9ECF97



B7BEFF



E3BC83

# Square

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



B7BEFF



FFABAE



C3C785



5AD4D7

# Rectangle

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



B7BEFF



F4ADDA



C3C785



85D2AB



# Sweetspot

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



B7BEFF



EBEDFF



B7FFF8



737480



000000



808080



# Same Dimension

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



B7BEFF



A8B1FF



D4B7FF



737480



0013BF



000640



# Inverse Universe

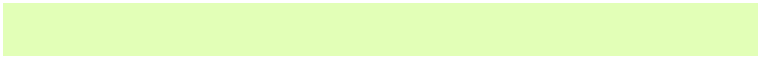
The Inverse Universe completely reimagines the original color for something new.



FFB7BE



FFA8B1



E2FFB7



807374



BF0013

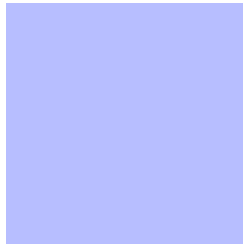


400006



# Previews

## White Background



This preview shows how the Hex color B7BEFF looks on a white background.

## Color Contrast Check

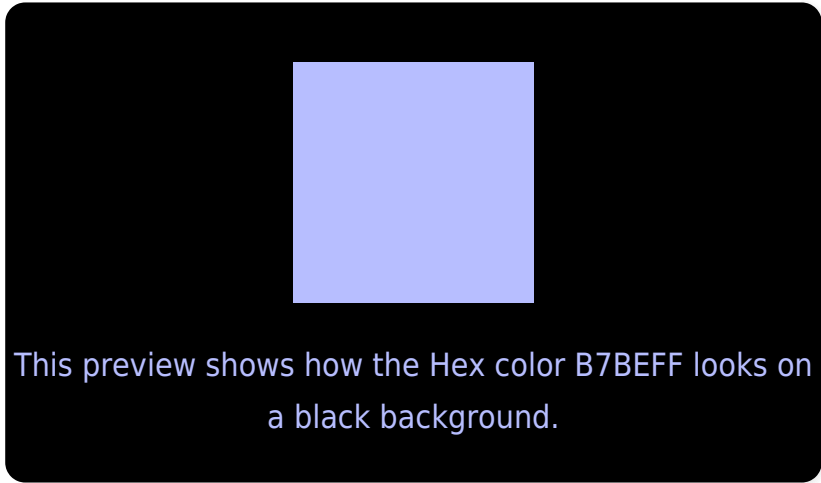
Large Text (above 18pt) WCAG AA × Fail

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

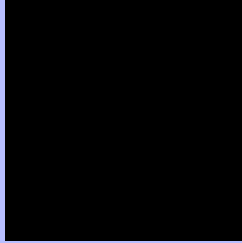
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7BEFF Background



This preview shows how black text looks on a background with the Hex color B7BEFF.



This preview shows how white text looks on a background with the Hex color B7BEFF.

# 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



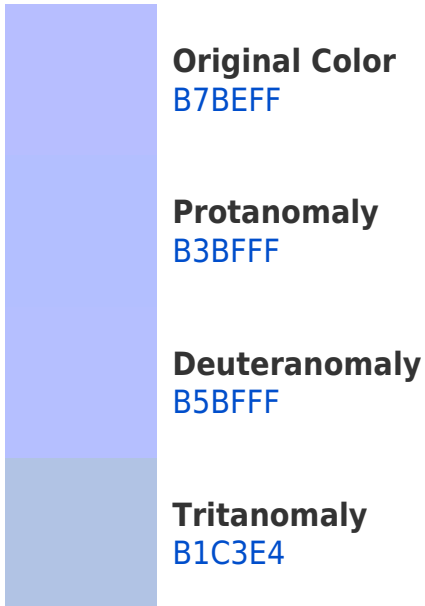
**Original Color**  
B7BEFF

**Protanopia**  
B1C0FF

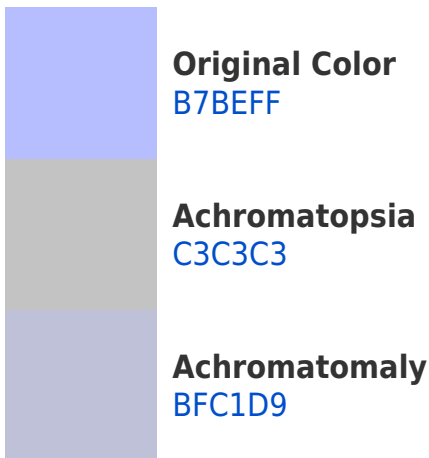
**Deuteranopia**  
B4BFFF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7BEFF 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 #B7BEFF looks like.

```
.text, #text, p{  
    color:#B7BEFF  
}
```

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 #B7BEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7BEFF
}
```

## Border

The CSS property to change the border of an element to Hex B7BEFF 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
#B7BEFF }
```

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

```
.border{ border-color:#B7BEFF }
```

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

Here you see how a box with a 4 pixel #B7BEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7BEFF; -webkit-box-shadow:4px 4px  
4px 4px #B7BEFF; box-shadow:4px 4px 4px  
4px #B7BEFF }
```

# Background

The CSS property to change the background color of an element to Hex B7BEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7BEFF }
```

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

```
.background{ background-color:#B7BEFF }
```

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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