

# Converting Colors

Hex(B7C0FF)

Have a look what the booklet for  
Hex(B7C0FF) contains.

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# **Color**

**Hex(B7C0FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7C0FF
RGB	183, 192, 255
RGB Percent	72%, 75%, 100%
CMY	0.2824, 0.2471, 0.0000
CMYK	0.28, 0.25, 0.00, 0.00
HSL	232°, 100%, 86%
HSV	232°, 28%, 100%
XYZ	56.4281, 54.9866, 102.2471
YIQ	196.4910, -25.5870, 17.6850

# Conversions

## Conversions Part 2

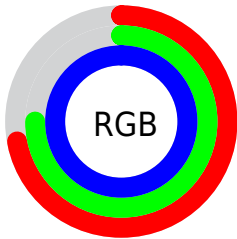
Format	Color
R <sub>Y</sub> B	183, 191, 255
Decimal	12042495
CIE Lab	79.03, 10.60, -32.00
CIE LCh	79, 33.712, 288.335
Yxy	54.9866, 0.2641, 0.2574
Android (android.graphics.Color)	4290232575 (0xFFB7C0FF)
YUV	196.4910, 28.8449, -11.8316
Hunter-Lab	74.1529, 6.0654, -29.8461

# Details

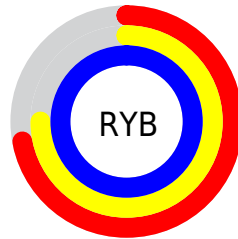
The Hex color **B7C0FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF6B7**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F0F8FF**, and **808BC6** is the 20% darker color. If you saturate the color by 10%, you get **9EAAFF**, and if you desaturate by 10%, it is **D1D6FF**.

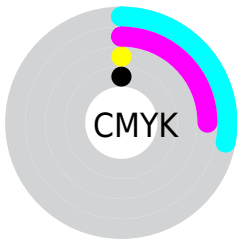
# Distribution



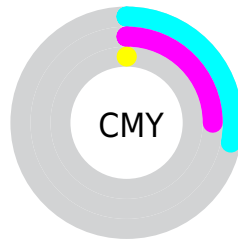
- Red (72%)
- Green (75%)
- Blue (100%)



- Red (72%)
- Yellow (75%)
- 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 B7C0FF 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 B7C0FF by changing the saturation by 10% instead.



 B7C0FF

 B7C0FF

FFFFFF

 9BA5E2

 F0F8FF

 808BC6

 6671AB

 4C5990

 324276

 162C5D

 001845

 00002F

 000119

 B7C0FF

 B7C0FF

 9EAAFF

 D1D6FF

 8493FF

 EAEDFF

 6A7DFF

FFFFFF

 5167FF

 3850FF

 1E3AFF

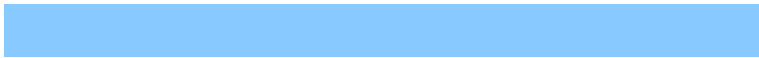
 0524FF

 0020FF

# Harmonies

## Analogous

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



88CAFF



B7C0FF



E0B5EE

# Triad

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



B7C0FF



FBB396



7ED4B6

# Complementary

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



B7C0FF



FFF6B7

# 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.



A2D099



B7C0FF



E5BE87

# Square

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



B7C0FF



FFADB1



C6C888



62D5D6

# Rectangle

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



B7C0FF



F3AFDC



C6C888



8AD3AC



# Sweetspot

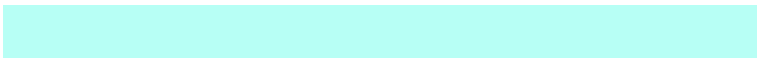
The Sweet Spot groups the original color and five complimentary colors.



B7C0FF



EBEDFF



B7FFF5



737480



000000



808080



# Same Dimension

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



B7C0FF



A8B3FF



D1B7FF



737480



0018BF



000840



# Inverse Universe

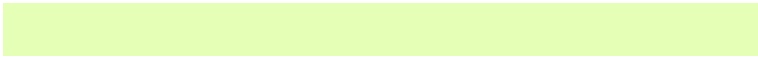
The Inverse Universe completely reimagines the original color for something new.



FFB7C0



FFA8B3



E5FFB7



807374



BF0018

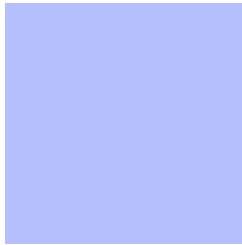


400008



# Previews

## White Background



This preview shows how the Hex color B7C0FF looks on a white background.

## Color Contrast Check

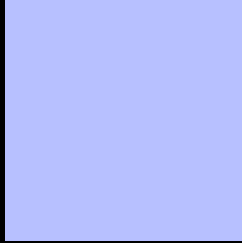
Large Text (above 18pt) WCAG AA × Fail

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 B7C0FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

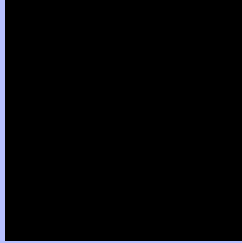
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7C0FF Background



This preview shows how black text looks on a background with the Hex color B7C0FF.



This preview shows how white text looks on a background with the Hex color B7C0FF.

# 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



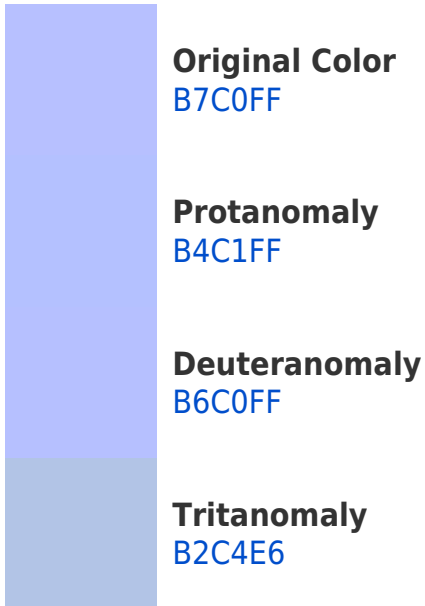
**Original Color**  
B7C0FF

**Protanopia**  
B3C1FF

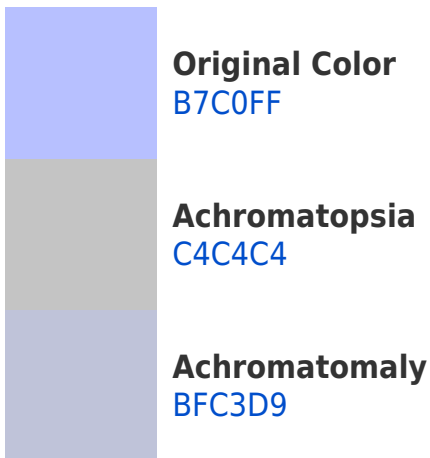
**Deuteranopia**  
B6C0FF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7C0FF 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 #B7C0FF looks like.

```
.text, #text, p{  
    color:#B7C0FF  
}
```

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 #B7C0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7C0FF
}
```

## Border

The CSS property to change the border of an element to Hex B7C0FF 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
#B7C0FF }
```

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

```
.border{ border-color:#B7C0FF }
```

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

Here you see how a box with a 4 pixel #B7C0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7C0FF; -webkit-box-shadow:4px 4px  
4px 4px #B7C0FF; box-shadow:4px 4px 4px  
4px #B7C0FF }
```

# Background

The CSS property to change the background color of an element to Hex B7C0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7C0FF }
```

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

```
.background{ background-color:#B7C0FF }
```

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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