

# Converting Colors

Hex(B7C8FF)

Have a look what the booklet for  
Hex(B7C8FF) contains.

<b>Hex(B7C8FF)</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(B7C8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7C8FF
RGB	183, 200, 255
RGB Percent	72%, 78%, 100%
CMY	0.2824, 0.2157, 0.0000
CMYK	0.28, 0.22, 0.00, 0.00
HSL	226°, 100%, 86%
HSV	226°, 28%, 100%
XYZ	58.2327, 58.5958, 102.8487
YIQ	201.1870, -27.7870, 13.5010

# Conversions

## Conversions Part 2

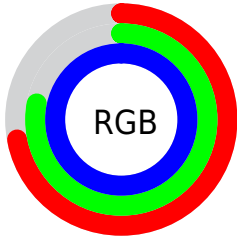
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 197, 255
Decimal	12044543
CIE <sub>Lab</sub>	81.07, 6.26, -28.87
CIE <sub>LCh</sub>	81, 29.546, 282.240
Yxy	58.5958, 0.2651, 0.2667
Android (android.graphics.Color)	4290234623 (0xFFB7C8FF)
YUV	201.1870, 26.5298, -15.9500
Hunter-Lab	76.5479, 1.8324, -26.0776

# Details

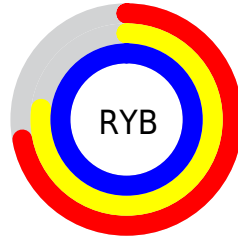
The Hex color **B7C8FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFEEB7**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F0FFFF**, and **8092C6** is the 20% darker color. If you saturate the color by 10%, you get **9EB5FF**, and if you desaturate by 10%, it is **D1DBFF**.

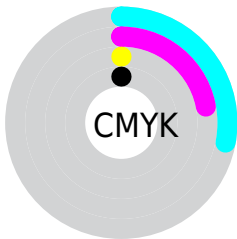
# Distribution



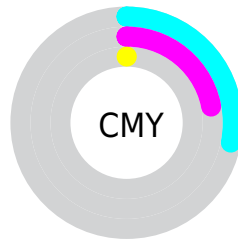
- Red (72%)
- Green (78%)
- Blue (100%)



- Red (72%)
- Yellow (77%)
- Blue (100%)



- Cyan (28%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7C8FF 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 B7C8FF by changing the saturation by 10% instead.



 B7C8FF

 B7C8FF

FFFFFF

 9BADE2

 F0FFFF

 8092C6

 6679AB

 4C6090

 324876

 17325D

 001D45

 00032F

 000119

 B7C8FF

 B7C8FF

 9EB5FF


 D1DBFF

 84A1FF

 EAEFFF

 6A8EFF

FFFFFF

 517AFF

 3867FF

 1E53FF

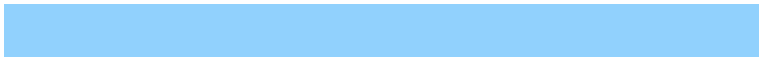
 0540FF

 003CFF

# Harmonies

## Analogous

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



91D1FD



B7C8FF



DCBEF2

# Triad

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



B7C8FF



FDBAA5



94D8B8

# Complementary

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



B7C8FF



FFEEB7

# 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.



B3D3A0



B7C8FF



ECC295

# Square

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



B7C8FF



FFB5BF



D2CB93



7CD9D4

# Rectangle

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



B7C8FF



EFB9E4



D2CB93



9ED6AF



# Sweetspot

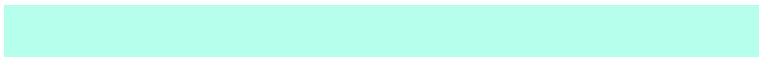
The Sweet Spot groups the original color and five complimentary colors.



B7C8FF



EBEFFF



B7FFED



737680



000000



808080



# Same Dimension

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



B7C8FF



A8BDFF



C9B7FF



737680



002DBF



000F40



# Inverse Universe

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



FFB7C8



FFA8BD



EDFFB7



807376



BF002D

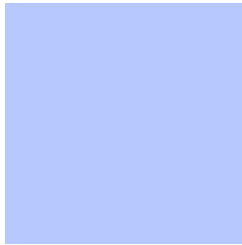


40000F



# Previews

## White Background



This preview shows how the Hex color B7C8FF looks on a white background.

## Color Contrast Check

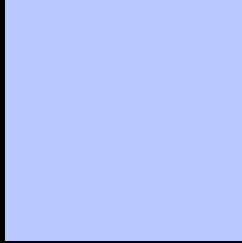
Large Text (above 18pt) WCAG AA × Fail

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 B7C8FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

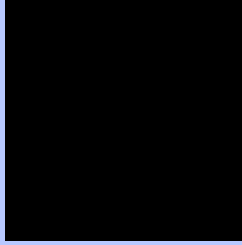
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7C8FF Background



This preview shows how black text looks on a background with the Hex color B7C8FF.



This preview shows how white text looks on a background with the Hex color B7C8FF.

# 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



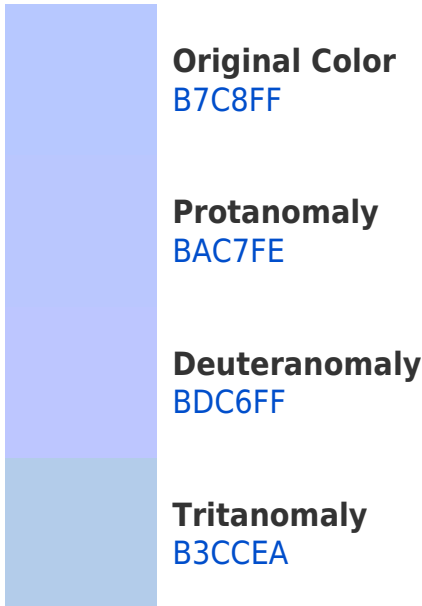
**Original Color**  
B7C8FF

**Protanopia**  
BBC7FE

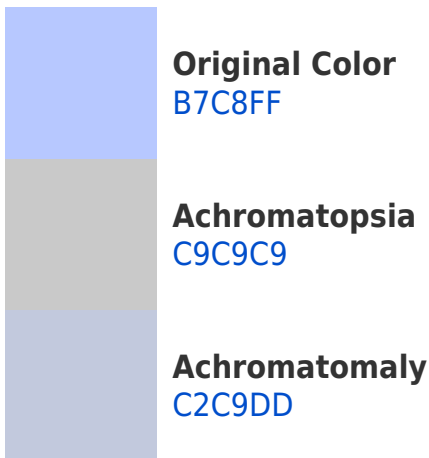
**Deuteranopia**  
C0C5FF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7C8FF 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 #B7C8FF looks like.

```
.text, #text, p{  
    color:#B7C8FF  
}
```

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 #B7C8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7C8FF
}
```

## Border

The CSS property to change the border of an element to Hex B7C8FF 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
#B7C8FF }
```

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

```
.border{ border-color:#B7C8FF }
```

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

Here you see how a box with a 4 pixel #B7C8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7C8FF; -webkit-box-shadow:4px 4px  
4px 4px #B7C8FF; box-shadow:4px 4px 4px  
4px #B7C8FF }
```

# Background

The CSS property to change the background color of an element to Hex B7C8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7C8FF }
```

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

```
.background{ background-color:#B7C8FF }
```

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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