

# Converting Colors

Hex(BBC7FF)

Have a look what the booklet for  
Hex(BBC7FF) contains.

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# **Color**

**Hex(BBC7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC7FF
RGB	187, 199, 255
RGB Percent	73%, 78%, 100%
CMY	0.2667, 0.2196, 0.0000
CMYK	0.27, 0.22, 0.00, 0.00
HSL	229°, 100%, 87%
HSV	229°, 27%, 100%
XYZ	58.9669, 58.6316, 102.8169
YIQ	201.7960, -25.1280, 14.8720

# Conversions

## Conversions Part 2

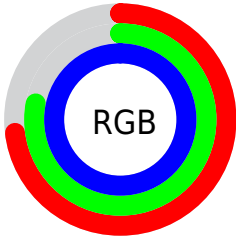
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">187, 197, 255</a>
Decimal	<a href="#">12306431</a>
CIELab	<a href="#">81.09, 7.96, -28.82</a>
CIElCh	<a href="#">81, 29.898, 285.433</a>
Yxy	<a href="#">58.6316, 0.2675, 0.2660</a>
Android (android.graphics.Color)	<a href="#">4290496511</a> ( <a href="#">0xFFBBC7FF</a> )
YUV	<a href="#">201.7960, 26.2296, -12.9761</a>
Hunter-Lab	<a href="#">76.5713, 3.4616, -26.0123</a>

# Details

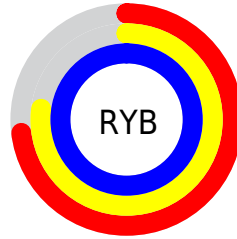
The Hex color **BBC7FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF3BB**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **F4FFFF**, and **8491C6** is the 20% darker color. If you saturate the color by 10%, you get **A2B2FF**, and if you desaturate by 10%, it is **D4DCFF**.

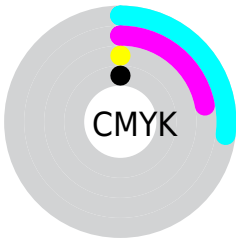
# Distribution



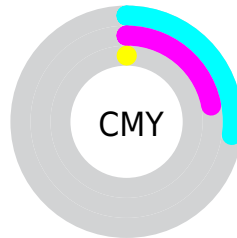
- Red (73%)
- Green (78%)
- Blue (100%)



- Red (73%)
- Yellow (77%)
- Blue (100%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBC7FF 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 BBC7FF by changing the saturation by 10% instead.



 BBC7FF

 BBC7FF

FFFFFF

 9FACE2

 F4FFFF

 8491C6

 6A78AB

 505F90

 374776

 1D315D

 001D45

 00012F

 000119

 BBC7FF

 BBC7FF

 A2B2FF

 D4DCFF

 889DFF

 EEF1FF

 6E88FF

FFFFFF

 5573FF

 3B5EFF

 2249FF

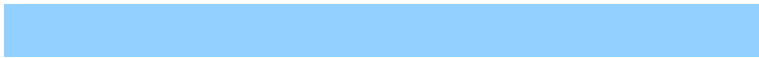
 0834FF

 002DFF

# Harmonies

## Analogous

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



94D0FF



BBC7FF



DFBDF1

# Triad

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



BBC7FF



FDBAA3



90D8BA

# Complementary

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



BBC7FF



FFF3BB

# 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.



AFD4A1



BBC7FF



EAC394

# Square

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



BBC7FF



FFB5BC



CFCC93



79D9D7

# Rectangle

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



BBC7FF



F2B8E1



CFCC93



9AD7B1



# Sweetspot

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



BBC7FF



EBEFFF



BBFFF3



737580



000000



808080



# Same Dimension

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



BBC7FF



ADBCFF



D1BBFF



737580



0022BF



000B40



# Inverse Universe

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



FFBBC7



FFADBC



E9FFBB



807375



BF0022

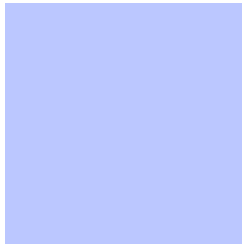


40000B



# Previews

## White Background



This preview shows how the Hex color BBC7FF looks on a white background.

## Color Contrast Check

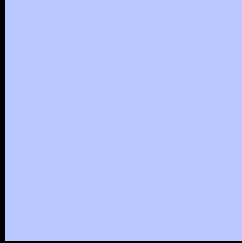
Large Text (above 18pt) WCAG AA × Fail

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 BBC7FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

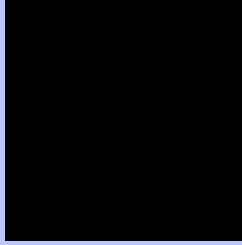
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBC7FF Background



This preview shows how black text looks on a background with the Hex color BBC7FF.



This preview shows how white text looks on a background with the Hex color BBC7FF.

# 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



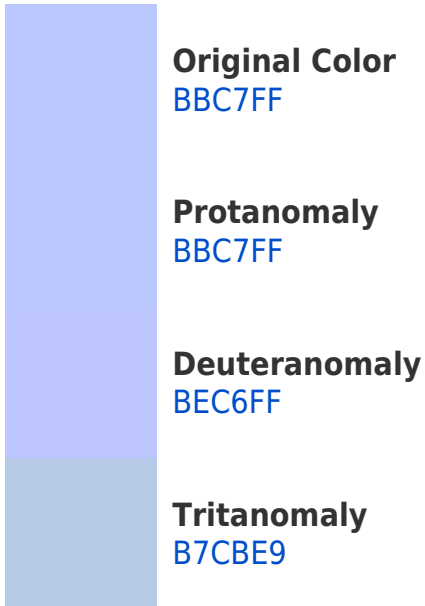
**Original Color**  
BBC7FF

**Protanopia**  
BBC7FF

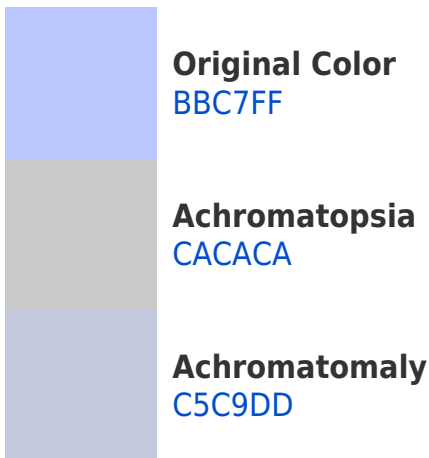
**Deuteranopia**  
C0C5FF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBC7FF 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 #BBC7FF looks like.

```
.text, #text, p{  
    color:#BBC7FF  
}
```

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 #BBC7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC7FF }  
}
```

## Border

The CSS property to change the border of an element to Hex BBC7FF 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 #BBC7FF }  
}
```

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

```
.border{ border-color:#BBC7FF }
```

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

Here you see how a box with a 4 pixel #BBC7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC7FF; -webkit-box-shadow:4px 4px  
4px 4px #BBC7FF; box-shadow:4px 4px 4px  
4px #BBC7FF }
```

# Background

The CSS property to change the background color of an element to Hex BBC7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC7FF }
```

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

```
.background{ background-color:#BBC7FF }
```

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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