

# Converting Colors

Hex(BBC3FF)

Have a look what the booklet for  
Hex(BBC3FF) contains.

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# **Color**

**Hex(BBC3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC3FF
RGB	187, 195, 255
RGB Percent	73%, 76%, 100%
CMY	0.2667, 0.2353, 0.0000
CMYK	0.27, 0.24, 0.00, 0.00
HSL	233°, 100%, 87%
HSV	233°, 27%, 100%
XYZ	58.0586, 56.8150, 102.5141
YIQ	199.4480, -24.0280, 16.9640

# Conversions

## Conversions Part 2

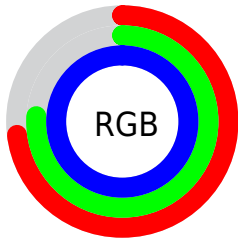
Format	Color
<a href="#">RYB</a>	<a href="#">187, 194, 255</a>
Decimal	<a href="#">12305407</a>
CIELab	<a href="#">80.08, 10.12, -30.37</a>
CIElCh	<a href="#">80, 32.017, 288.432</a>
Yxy	<a href="#">56.8150, 0.2671, 0.2614</a>
Android (android.graphics.Color)	<a href="#">4290495487</a> ( <a href="#">0xFFBBC3FF</a> )
YUV	<a href="#">199.4480, 27.3871, -10.9169</a>
Hunter-Lab	<a href="#">75.3757, 5.5832, -27.8738</a>

# Details

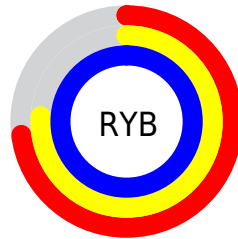
The Hex color **BBC3FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF7BB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F4FBFF**, and **848DC6** is the 20% darker color. If you saturate the color by 10%, you get **A2ACFF**, and if you desaturate by 10%, it is **D4D9FF**.

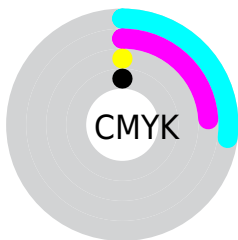
# Distribution



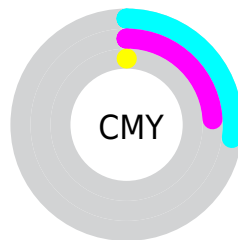
- Red (73%)
- Green (76%)
- Blue (100%)



- Red (73%)
- Yellow (76%)
- Blue (100%)



- Cyan (27%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBC3FF 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 BBC3FF by changing the saturation by 10% instead.



 BBC3FF

 BBC3FF

FFFFFF

 9FA8E2

 F4FBFF

 848DC6

 6A74AB

 505C90

 374476

 1C2E5D

 001A45

 00002F

 000119

 BBC3FF

 BBC3FF

 A2ACFF

 D4D9FF

 8896FF

 EEF0FF

 6E7FFF

FFFFFF

 5569FF

 3B52FF

 223CFF

 0825FF

 001EFF

# Harmonies

## Analogous

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



90CDFE



BBC3FF



E1B9EE

# Triad

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



BBC3FF



FBB79B



85D6BA

# Complementary

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



BBC3FF



FFF7BB

# 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.



A7D29E



BBC3FF



E6C18C

# Square

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



BBC3FF



FFB1B5



C9CB8D



6CD7D8

# Rectangle

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



BBC3FF



F4B3DD



C9CB8D



90D5B0



# Sweetspot

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



BBC3FF



EBEDFF



BBFFF6



737480



000000



808080



# Same Dimension

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



BBC3FF



ADB7FF



D4BBFF



737480



0016BF



000740



# Inverse Universe

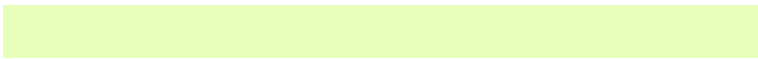
The Inverse Universe completely reimagines the original color for something new.



FFBBC3



FFADB7



E6FFBB



807374



BF0017

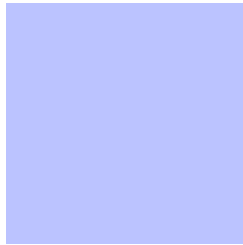


400008



# Previews

## White Background



This preview shows how the Hex color BBC3FF looks on a white background.

## Color Contrast Check

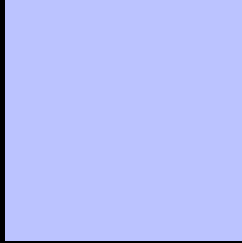
Large Text (above 18pt) WCAG AA × Fail

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 BBC3FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

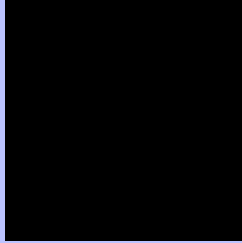
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBC3FF Background



This preview shows how black text looks on a background with the Hex color BBC3FF.



This preview shows how white text looks on a background with the Hex color BBC3FF.

# 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**  
BBC3FF

**Protanopia**  
B7C4FF

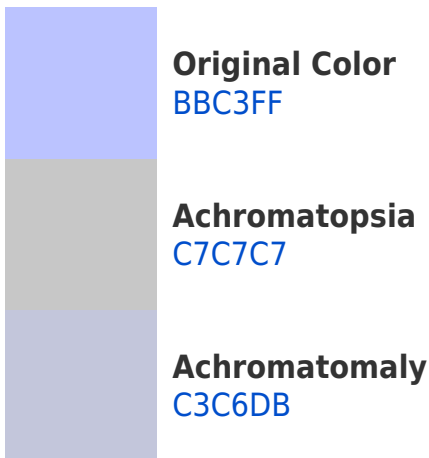
**Deuteranopia**  
BCC3FF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBC3FF 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 #BBC3FF looks like.

```
.text, #text, p{  
    color:#BBC3FF  
}
```

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 #BBC3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC3FF
}
```

## Border

The CSS property to change the border of an element to Hex BBC3FF 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
#BBC3FF }
```

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

```
.border{ border-color:#BBC3FF }
```

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

Here you see how a box with a 4 pixel #BBC3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC3FF; -webkit-box-shadow:4px 4px  
4px 4px #BBC3FF; box-shadow:4px 4px 4px  
4px #BBC3FF }
```

# Background

The CSS property to change the background color of an element to Hex BBC3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC3FF }
```

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

```
.background{ background-color:#BBC3FF }
```

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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