

Converting Colors

Hex(B3C6FF)

Have a look what the booklet for
Hex(B3C6FF) contains.

Hex(B3C6FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B3C6FF)

Conversions

Conversions Part 1

Format	Color
Hex	B3C6FF
RGB	179, 198, 255
RGB Percent	70%, 78%, 100%
CMY	0.2980, 0.2235, 0.0000
CMYK	0.30, 0.22, 0.00, 0.00
HSL	225°, 100%, 85%
HSV	225°, 30%, 100%
XYZ	56.8345, 57.1919, 102.6514
YIQ	198.8170, -29.6210, 13.6990

Conversions

Conversions Part 2

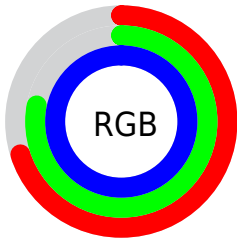
Format	Color
RYB	179, 194, 255
Decimal	11781887
CIELab	80.29, 6.21, -30.10
CIElCh	80, 30.730, 281.652
Yxy	57.1919, 0.2623, 0.2639
Android (android.graphics.Color)	4289971967 (0xFFB3C6FF)
YUV	198.8170, 27.6982, -17.3795
Hunter-Lab	75.6253, 1.8033, -27.5406

Details

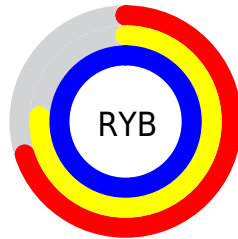
The Hex color **B3C6FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFECB3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **ECFFFF**, and **7C90C6** is the 20% darker color. If you saturate the color by 10%, you get **99B3FF**, and if you desaturate by 10%, it is **CCD9FF**.

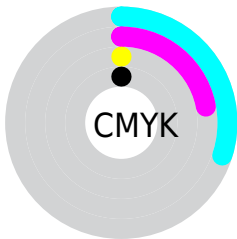
Distribution



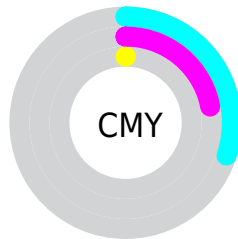
- Red (70%)
- Green (78%)
- Blue (100%)



- Red (70%)
- Yellow (76%)
- Blue (100%)



- Cyan (30%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3C6FF 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 B3C6FF by changing the saturation by 10% instead.

 B3C6FF

 B3C6FF

FFFFFF

 97ABE2

 ECFFFF

 7C90C6

 6277AB

 485E90

 2E4776

 0F315D

 001C45

 00002F

 000119

 B3C6FF

 B3C6FF

 99B3FF

 CCD9FF

 80A0FF

 E6ECFF

 668DFF

FFFFFF

 4D7AFF

 3366FF

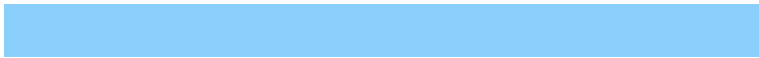
 1A53FF

 0040FF

Harmonies

Analogous

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



8BCFFD



B3C6FF



DABCF2

Triad

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



B3C6FF



FDB7A2



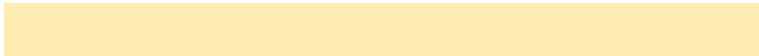
90D6B4

Complementary

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



B3C6FF



FFECB3

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.



B0D19C



B3C6FF



EBBF91

Square

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



B3C6FF



FFB2BD



D0C98F



76D7D2

Rectangle

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



B3C6FF



EDB6E3



D0C98F



9AD5AB

Sweetspot

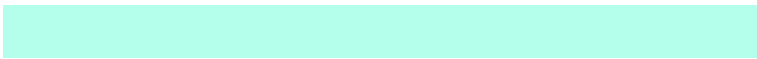
The Sweet Spot groups the original color and five complimentary colors.



B3C6FF



E8EEFF



B3FFEC



717580



000000



808080

Same Dimension

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



B3C6FF



A3BAFF



C6B3FF



737680



0030BF



001040

Inverse Universe

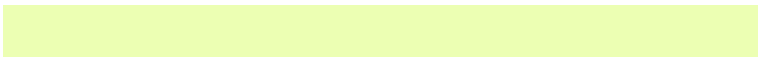
The Inverse Universe completely reimagines the original color for something new.



FFB3C6



FFA3BA



ECFFB3



807376



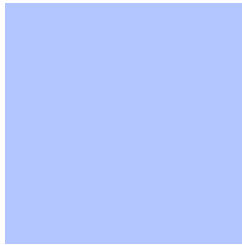
BF0030



400010

Previews

White Background



This preview shows how the Hex color B3C6FF looks on a white background.

Color Contrast Check

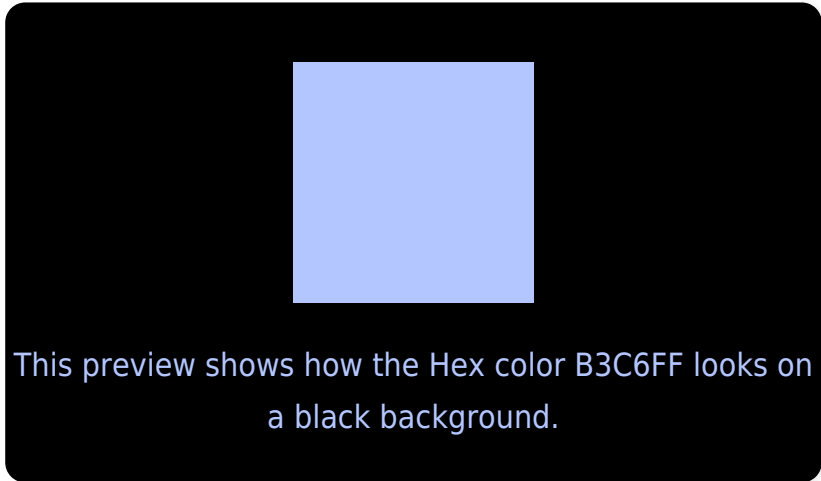
Large Text (above 18pt) WCAG AA × Fail

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

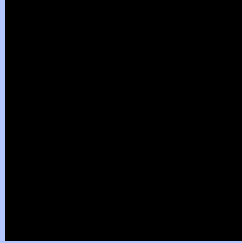
Any Text WCAG AA ✓ Pass

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 B3C6FF Background



This preview shows how black text looks on a background with the Hex color B3C6FF.



This preview shows how white text looks on a background with the Hex color B3C6FF.

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

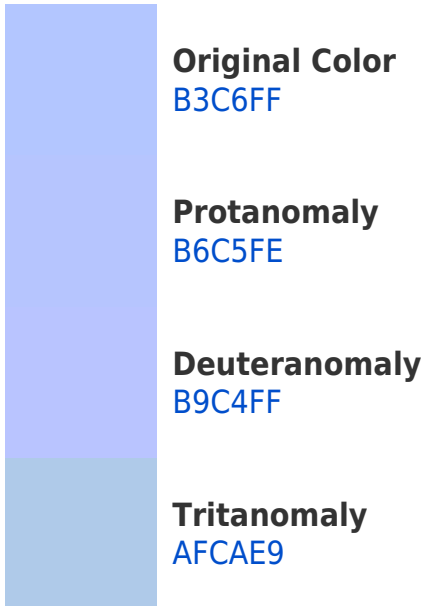


Original Color
B3C6FF

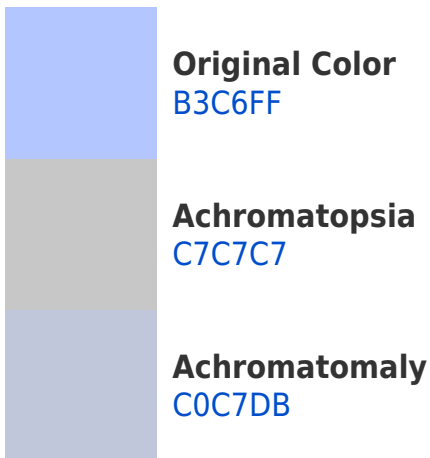
Protanopia
B8C5FE

Deuteranopia
BCC3FF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3C6FF 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 #B3C6FF looks like.

```
.text, #text, p{  
    color:#B3C6FF  
}
```

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 #B3C6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C6FF
}
```

Border

The CSS property to change the border of an element to Hex B3C6FF 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
#B3C6FF }
```

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

```
.border{ border-color:#B3C6FF }
```

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

Here you see how a box with a 4 pixel #B3C6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C6FF; -webkit-box-shadow:4px 4px  
4px 4px #B3C6FF; box-shadow:4px 4px 4px  
4px #B3C6FF }
```

Background

The CSS property to change the background color of an element to Hex B3C6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C6FF }
```

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

```
.background{ background-color:#B3C6FF }
```

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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