

Converting Colors

Hex(B3CDFF)

Have a look what the booklet for
Hex(B3CDFF) contains.

Hex(B3CDFF)	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(B3CDFF)

Conversions

Conversions Part 1

Format	Color
Hex	B3CDFF
RGB	179, 205, 255
RGB Percent	70%, 80%, 100%
CMY	0.2980, 0.1961, 0.0000
CMYK	0.30, 0.20, 0.00, 0.00
HSL	219°, 100%, 85%
HSV	219°, 30%, 100%
XYZ	58.4717, 60.4663, 103.1971
YIQ	202.9260, -31.5460, 10.0380

Conversions

Conversions Part 2

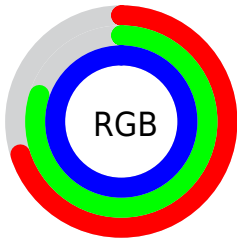
Format	Color
R _Y B	179, 198, 255
Decimal	11783679
CIE Lab	82.09, 2.44, -27.33
CIE LCh	82, 27.442, 275.099
Yxy	60.4663, 0.2632, 0.2722
Android (android.graphics.Color)	4289973759 (0xFFB3CDFF)
YUV	202.9260, 25.6725, -20.9831
Hunter-Lab	77.7601, -1.8571, -24.2530

Details

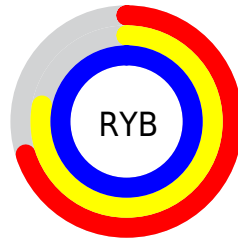
The Hex color **B3CDFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFE5B3**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **ECFFFF**, and **7C97C6** is the 20% darker color. If you saturate the color by 10%, you get **99BCFF**, and if you desaturate by 10%, it is **CCDEFF**.

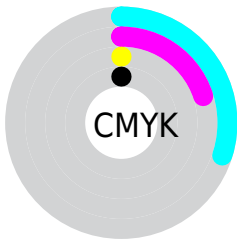
Distribution



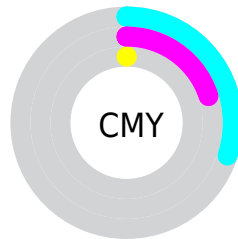
- Red (70%)
- Green (80%)
- Blue (100%)



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



- Cyan (30%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3CDFF 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 B3CDFF by changing the saturation by 10% instead.

 B3CDFF

 B3CDFF

FFFFFF

 97B2E2

 ECFFFF

 7C97C6

 627DAB

 486490

 2E4D76

 0F365D

 002146

 00092F

 00011A

 B3CDFF

 B3CDFF

 99BCFF

 CCDEFF

 80ABFF

 E6EFFF

 669BFF

FFFFFF

 4D8AFF

 3379FF

 1A68FF

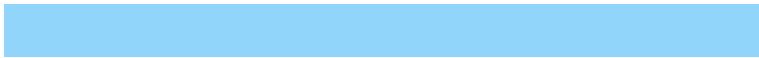
 0058FF

 0057FF

Harmonies

Analogous

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



92D5FA



B3CDFF



D6C4F6

Triad

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



B3CDFE



FFBCB0



A1D9B6

Complementary

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



B3CDFE



FFE5B3

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.



BFD4A2



B3CDFF



F2C39E

Square

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



B3CFFF



FFBAC9



DBCC99



89DBD0

Rectangle

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



B3CFFF



E9BFEA



DBCC99



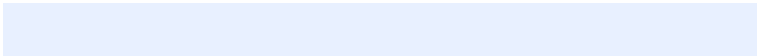
ABD7AE

Sweetspot

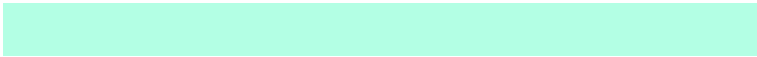
The Sweet Spot groups the original color and five complimentary colors.



B3CDFF



E8F0FF



B3FFE4



717680



000000



808080

Same Dimension

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



B3CDFF



A3C3FF



BEB3FF



737780



0041BF



001640

Inverse Universe

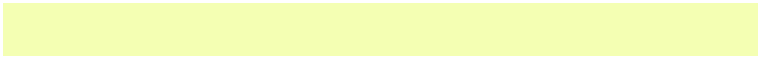
The Inverse Universe completely reimagines the original color for something new.



FFB3CD



FFA3C3



F4FFB3



807377



BF0041



400016

Previews

White Background



This preview shows how the Hex color B3CDFF looks on a white background.

Color Contrast Check

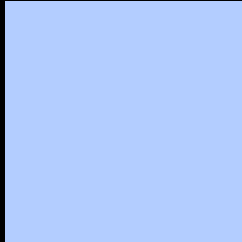
Large Text (above 18pt) WCAG AA × Fail

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 B3CDFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

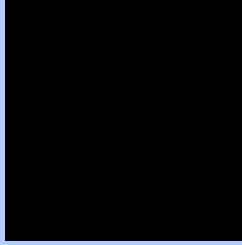
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

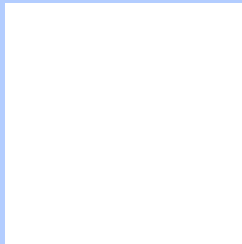
Any Text WCAG AAA ✓ Pass

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

Hex B3CDFF Background



This preview shows how black text looks on a background with the Hex color B3CDFF.



This preview shows how white text looks on a background with the Hex color B3CDFF.

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](#).

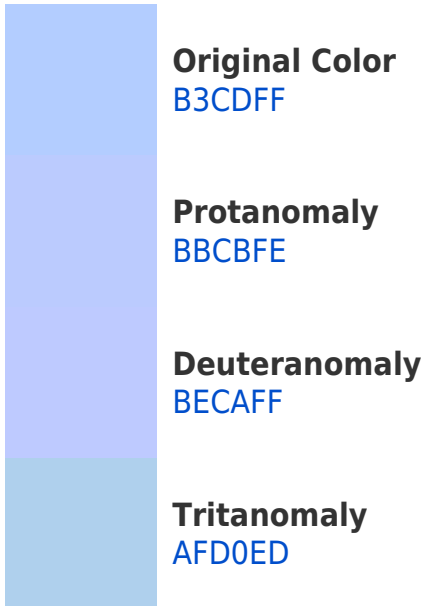
Dichromacy



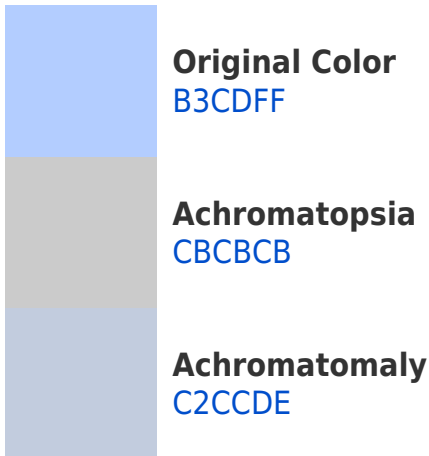


Tritanopia
ADD2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3CDFF 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 #B3CDFF looks like.

```
.text, #text, p{  
    color:#B3CDFF  
}
```

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 #B3CDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3CDFF
}
```

Border

The CSS property to change the border of an element to Hex B3CDFF 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
#B3CDFF }
```

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

```
.border{ border-color:#B3CDFF }
```

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

Here you see how a box with a 4 pixel #B3CDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3CDFF; -webkit-box-shadow:4px 4px  
4px 4px #B3CDFF; box-shadow:4px 4px 4px  
4px #B3CDFF }
```

Background

The CSS property to change the background color of an element to Hex B3CDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3CDFF }
```

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

```
.background{ background-color:#B3CDFF }
```

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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