

Converting Colors

Hex(B7D3FF)

Have a look what the booklet for
Hex(B7D3FF) contains.

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Color

Hex(B7D3FF)

Conversions

Conversions Part 1

Format	Color
Hex	B7D3FF
RGB	183, 211, 255
RGB Percent	72%, 83%, 100%
CMY	0.2824, 0.1725, 0.0000
CMYK	0.28, 0.17, 0.00, 0.00
HSL	217°, 100%, 86%
HSV	217°, 28%, 100%
XYZ	60.8727, 63.8758, 103.7287
YIQ	207.6440, -30.8120, 7.7480

Conversions

Conversions Part 2

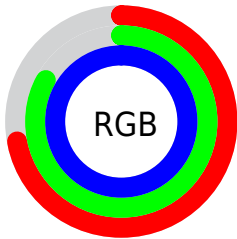
Format	Color
R _Y B	183, 203, 255
Decimal	12047359
CIE Lab	83.90, 0.38, -24.55
CIE LCh	84, 24.553, 270.886
Yxy	63.8758, 0.2664, 0.2796
Android (android.graphics.Color)	4290237439 (0xFFB7D3FF)
YUV	207.6440, 23.3465, -21.6128
Hunter-Lab	79.9223, -3.9099, -21.0050

Details

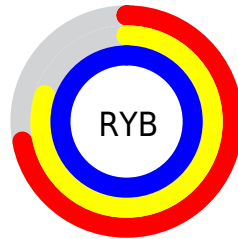
The Hex color **B7D3FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFE3B7**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **F0FFFF**, and **809DC6** is the 20% darker color. If you saturate the color by 10%, you get **9EC3FF**, and if you desaturate by 10%, it is **D1E3FF**.

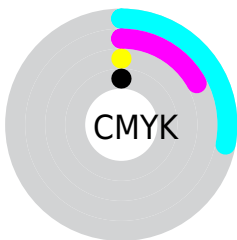
Distribution



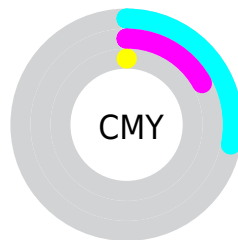
- Red (72%)
- Green (83%)
- Blue (100%)



- Red (72%)
- Yellow (80%)
- Blue (100%)



- Cyan (28%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7D3FF 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 B7D3FF by changing the saturation by 10% instead.

 B7D3FF

 B7D3FF

FFFFFF

 9BB7E2

 F0FFFF

 809DC6

 6683AB

 4C6A90

 325176

 173B5E

 002546

 00102F

 00011A

 B7D3FF

 B7D3FF

 9EC3FF

 D1E3FF

 84B4FF

 EAF2FF

 6AA4FF

FFFFFF

 5195FF

 3885FF

 1E75FF

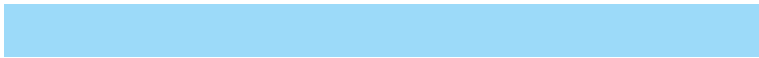
 0566FF

 0063FF

Harmonies

Analogous

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



9CDAF9



B7D3FF



D6CBF9

Triad

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



B7D3FF



FFC2BB



AFFDCBA

Complementary

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



B7D3FF



FFE3B7

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.



C9D7A9



B7D3FF



F6C8AA

Square

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



B7D3FF



FFC1D1



E2D0A3



99DED1

Rectangle

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



B7D3FF



E8C6EF



E2D0A3



B7DBB3

Sweetspot

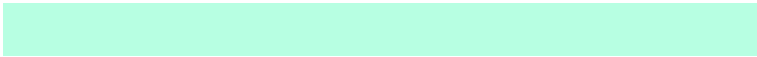
The Sweet Spot groups the original color and five complimentary colors.



B7D3FF



EBF3FF



B7FFE2



737880



000000



808080

Same Dimension

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



B7D3FF



A8CAFF



BEB7FF



737880



004ABF



001940

Inverse Universe

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



FFB7D3



FFA8CA



F8FFB7



807378



BF004A



400019

Previews

White Background



This preview shows how the Hex color B7D3FF looks on a white background.

Color Contrast Check

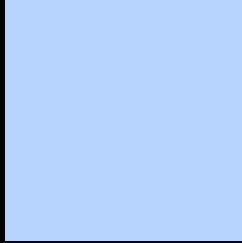
Large Text (above 18pt) WCAG AA × Fail

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 B7D3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

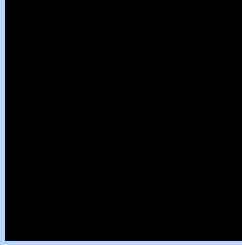
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

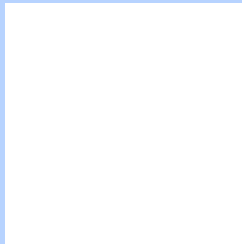
Any Text WCAG AAA ✓ Pass

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

Hex B7D3FF Background



This preview shows how black text looks on a background with the Hex color B7D3FF.



This preview shows how white text looks on a background with the Hex color B7D3FF.

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](#).

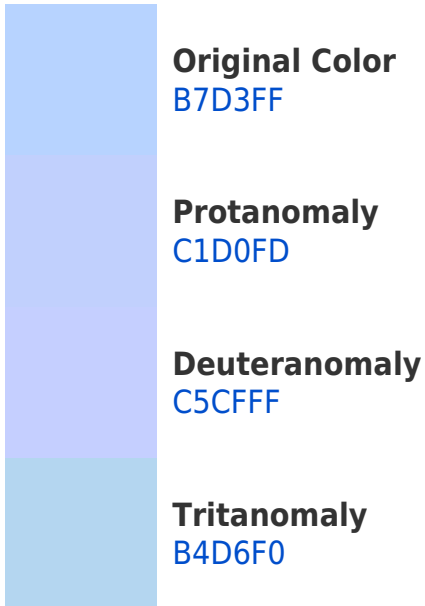
Dichromacy



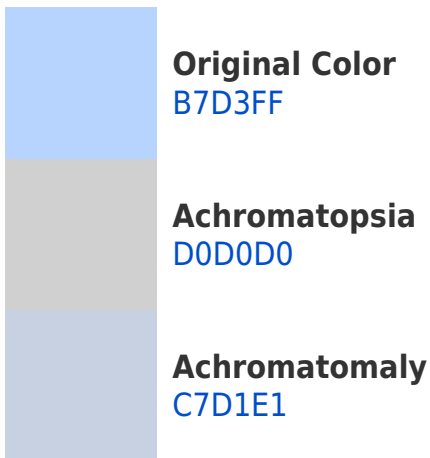


Tritanopia
B2D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7D3FF 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 #B7D3FF looks like.

```
.text, #text, p{  
    color:#B7D3FF  
}
```

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 #B7D3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D3FF
}
```

Border

The CSS property to change the border of an element to Hex B7D3FF 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
#B7D3FF }
```

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

```
.border{ border-color:#B7D3FF }
```

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

Here you see how a box with a 4 pixel #B7D3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D3FF; -webkit-box-shadow:4px 4px  
4px 4px #B7D3FF; box-shadow:4px 4px 4px  
4px #B7D3FF }
```

Background

The CSS property to change the background color of an element to Hex B7D3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D3FF }
```

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

```
.background{ background-color:#B7D3FF }
```

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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