

Converting Colors

Hex(B7D6FD)

Have a look what the booklet for
Hex(B7D6FD) contains.

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Color

Hex(B7D6FD)

Conversions

Conversions Part 1

Format	Color
Hex	B7D6FD
RGB	183, 214, 253
RGB Percent	72%, 84%, 99%
CMY	0.2824, 0.1608, 0.0078
CMYK	0.28, 0.15, 0.00, 0.01
HSL	213°, 95%, 85%
HSV	213°, 28%, 99%
XYZ	61.3046, 65.2523, 102.2924
YIQ	209.1770, -30.9950, 5.5570

Conversions

Conversions Part 2

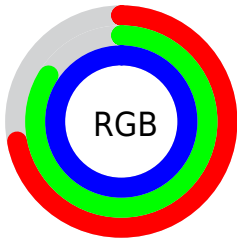
Format	Color
RYB	183, 204, 253
Decimal	12048125
CIELab	84.61, -1.67, -22.41
CIELCh	85, 22.471, 265.726
Yxy	65.2523, 0.2679, 0.2851
Android (android.graphics.Color)	4290238205 (0xFFB7D6FD)
YUV	209.1770, 21.6047, -22.9572
Hunter-Lab	80.7789, -5.8960, -18.5352

Details

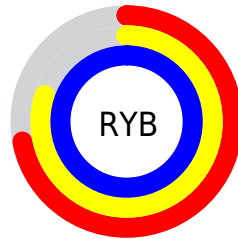
The Hex color **B7D6FD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDDEB7**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **F0FFFF**, and **809FC4** is the 20% darker color. If you saturate the color by 10%, you get **9EC8FD**, and if you desaturate by 10%, it is **D0E4FD**.

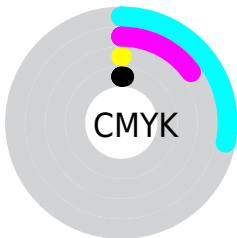
Distribution



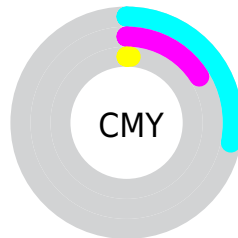
- Red (72%)
- Green (84%)
- Blue (99%)



- Red (72%)
- Yellow (80%)
- Blue (99%)



- Cyan (28%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (28%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7D6FD 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 B7D6FD by changing the saturation by 10% instead.

 B7D6FD

 B7D6FD

FFFFFF

 9BBAE0

 F0FFFF

 809FC4

 6685A9

 4C6C8E

 335475

 183D5C

 002744

 00132E

 000119

 B7D6FD

 B7D6FD

 9EC8FD

 D0E4FD

 84BAFD

 EAF2FD

 6BACFD

FFFFFFD

 529EFD

 3990FD

 1F81FD

 0673FD

 0070FD

Harmonies

Analogous

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



A1DCF6



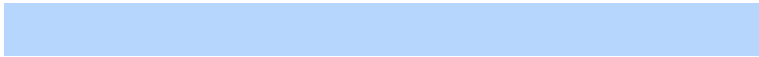
B7D6FD



D3CFF9

Triad

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



B7D6FD



FFC5C2



B8DDBB

Complementary

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



B7D6FD



FDDEB7

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.



D0D7AD



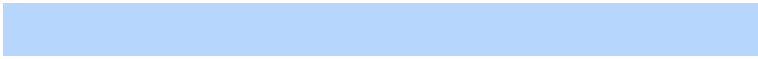
B7D6FD



F8CAB1

Square

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



B7D6FD



FCC5D7



E7D1A9



A3DFCF

Rectangle

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



B7D6FD



E4CAF1



E7D1A9



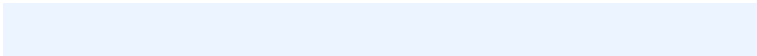
C0DBB5

Sweetspot

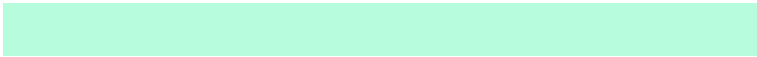
The Sweet Spot groups the original color and five complimentary colors.



B7D6FD



EBF4FF



B7FDDD



737880



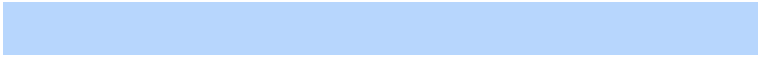
000000



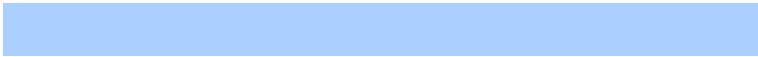
808080

Same Dimension

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



B7D6FD



ABD0FF



BBB7FD



737880



0055BF



001C40

Inverse Universe

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



FDB7D6



FFABD0



FAFDB7



807378



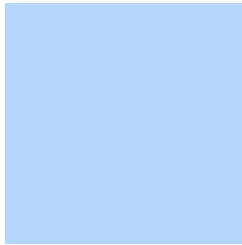
BF0055



40001C

Previews

White Background



This preview shows how the Hex color B7D6FD looks on a white background.

Color Contrast Check

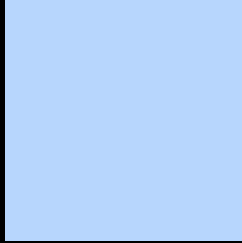
Large Text (above 18pt) WCAG AA × Fail

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 B7D6FD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

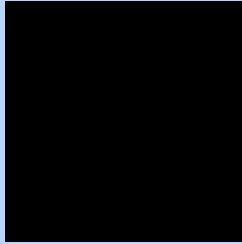
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

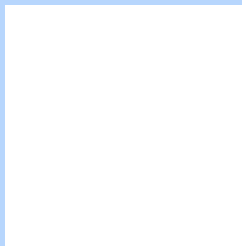
Any Text WCAG AAA ✓ Pass

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

Hex B7D6FD Background



This preview shows how black text looks on a background with the Hex color B7D6FD.

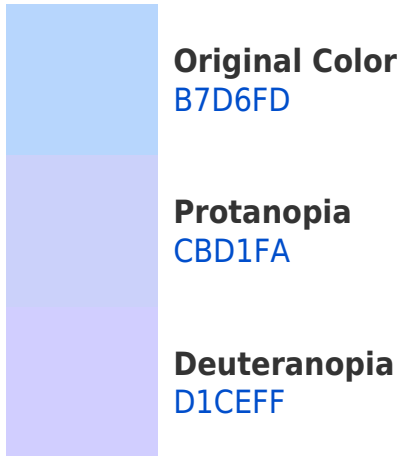


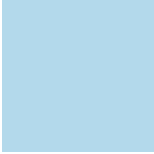
This preview shows how white text looks on a background with the Hex color B7D6FD.

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](#).

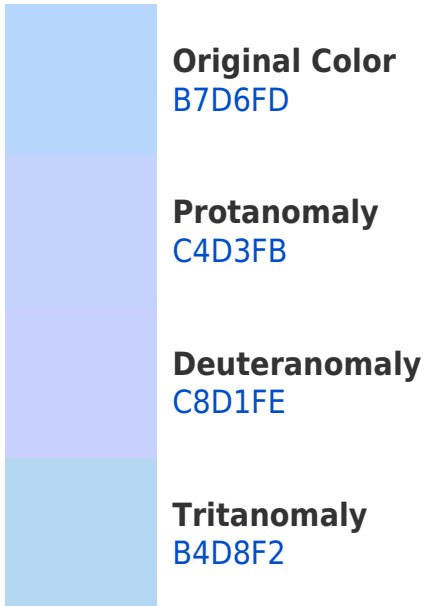
Dichromacy



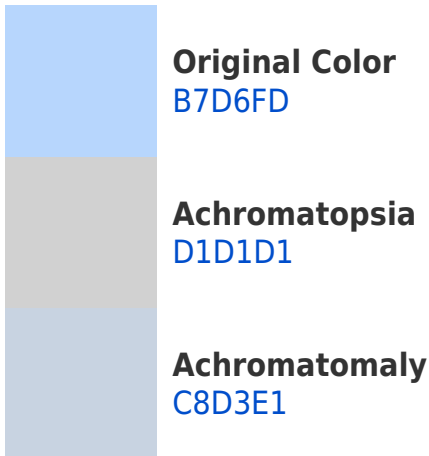


Tritanopia
B3D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7D6FD 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 #B7D6FD looks like.

```
.text, #text, p{  
    color:#B7D6FD  
}
```

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 #B7D6FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D6FD
}
```

Border

The CSS property to change the border of an element to Hex B7D6FD 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
#B7D6FD }
```

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

```
.border{ border-color:#B7D6FD }
```

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

Here you see how a box with a 4 pixel #B7D6FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D6FD; -webkit-box-shadow:4px 4px  
4px 4px #B7D6FD; box-shadow:4px 4px 4px  
4px #B7D6FD }
```

Background

The CSS property to change the background color of an element to Hex B7D6FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D6FD }
```

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

```
.background{ background-color:#B7D6FD }
```

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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