

# Converting Colors

Hex(B7D2FD)

Have a look what the booklet for  
Hex(B7D2FD) contains.

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# **Color**

**Hex(B7D2FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7D2FD
RGB	183, 210, 253
RGB Percent	72%, 82%, 99%
CMY	0.2824, 0.1765, 0.0078
CMYK	0.28, 0.17, 0.00, 0.01
HSL	217°, 95%, 85%
HSV	217°, 28%, 99%
XYZ	60.3047, 63.2523, 101.9590
YIQ	206.8290, -29.8950, 7.6490

# Conversions

## Conversions Part 2

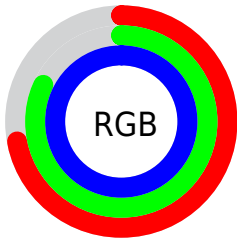
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">183, 202, 253</a>
Decimal	<a href="#">12047101</a>
CIELab	<a href="#">83.57, 0.44, -23.99</a>
CIElCh	<a href="#">84, 23.991, 271.052</a>
Yxy	<a href="#">63.2523, 0.2674, 0.2805</a>
Android (android.graphics.Color)	<a href="#">4290237181 (0xFFB7D2FD)</a>
YUV	<a href="#">206.8290, 22.7623, -20.8980</a>
Hunter-Lab	<a href="#">79.5313, -3.8321, -20.3378</a>

# Details

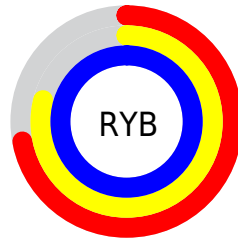
The Hex color **B7D2FD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDE2B7**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **F0FFFF**, and **819CC4** is the 20% darker color. If you saturate the color by 10%, you get **9EC2FD**, and if you desaturate by 10%, it is **D0E2FD**.

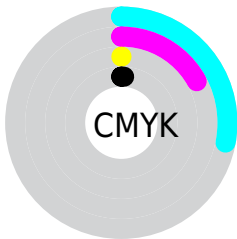
# Distribution



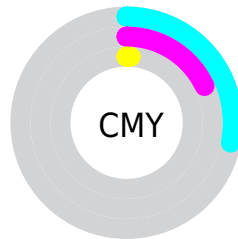
- Red (72%)
- Green (82%)
- Blue (99%)



- Red (72%)
- Yellow (79%)
- Blue (99%)



- Cyan (28%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (28%)
- Magenta (18%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7D2FD 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 B7D2FD by changing the saturation by 10% instead.



 B7D2FD

 B7D2FD

FFFFFF

 9BB6E0

 F0FFFF

 819CC4

 6682A9

 4C698E

 335175

 183A5C

 002444

 000F2E

 000119

 B7D2FD

 B7D2FD

 9EC2FD

 D0E2FD

 84B3FD

 EAF1FD

 6BA3FD

FFFFFFD

 5294FD

 3984FD

 1F75FD

 0665FD

 0062FD

# Harmonies

## Analogous

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



9DD9F7



B7D2FD



D5CAF7

# Triad

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



B7D2FD



FEC2BA



AEDBBA

# Complementary

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



B7D2FD



FDE2B7

# 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.



C8D6A9



B7D2FD



F4C8AA

# Square

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



B7D2FD



FDC0D0



E1CFA3



9ADDD0

# Rectangle

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



B7D2FD



E7C5ED



E1CFA3



B7DAB3

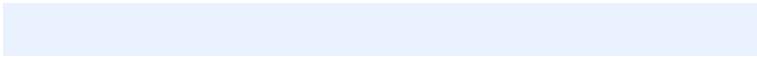


# Sweetspot

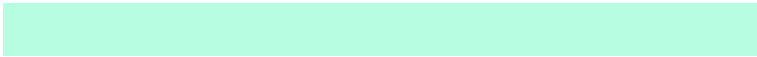
The Sweet Spot groups the original color and five complimentary colors.



B7D2FD



EBF2FF



B7FDE1



737880



000000



808080



# Same Dimension

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



B7D2FD



ABCBFF



BEB7FD



737880



004ABF



001940



# Inverse Universe

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



FDB7D2



FFABCB



F6FDB7



807378



BF004A



400019



# Previews

## White Background



This preview shows how the Hex color B7D2FD looks on a white background.

## Color Contrast Check

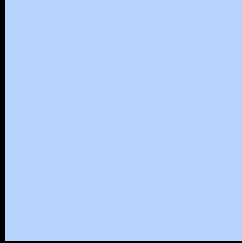
Large Text (above 18pt) WCAG AA × Fail

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 B7D2FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

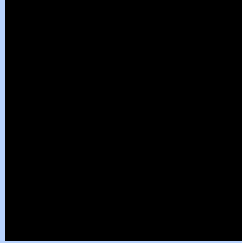
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

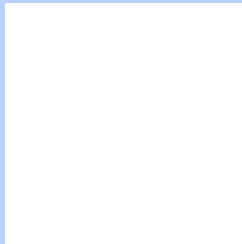
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7D2FD Background



This preview shows how black text looks on a background with the Hex color B7D2FD.

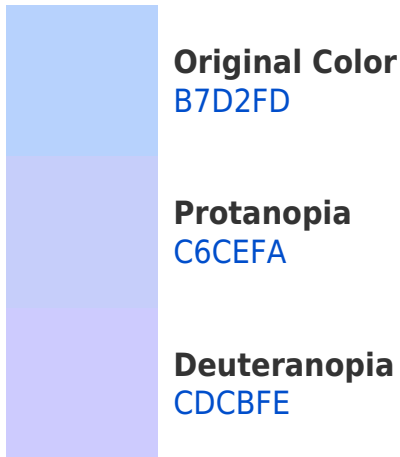


This preview shows how white text looks on a background with the Hex color B7D2FD.

# 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](#).

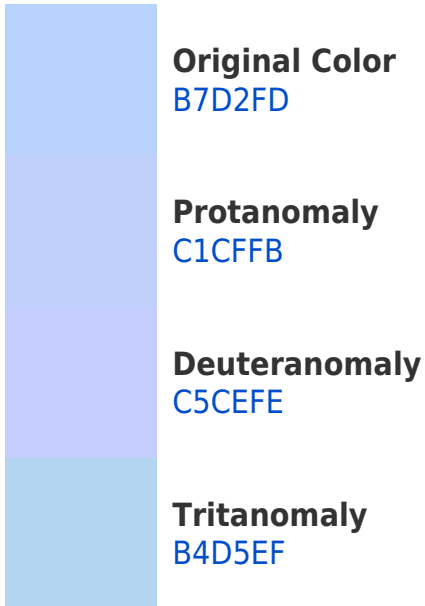
## Dichromacy



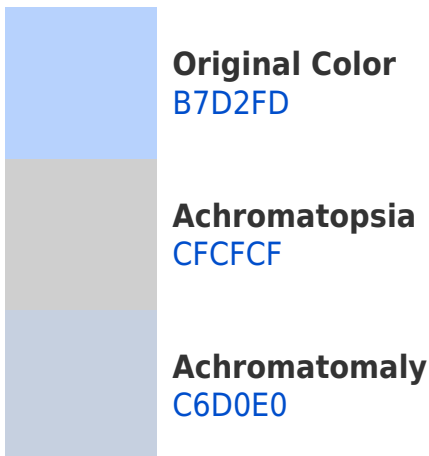


**Tritanopia**  
B2D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7D2FD 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 #B7D2FD looks like.

```
.text, #text, p{  
    color:#B7D2FD  
}
```

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 #B7D2FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D2FD
}
```

## Border

The CSS property to change the border of an element to Hex B7D2FD 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
#B7D2FD }
```

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

```
.border{ border-color:#B7D2FD }
```

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

Here you see how a box with a 4 pixel #B7D2FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D2FD; -webkit-box-shadow:4px 4px  
4px 4px #B7D2FD; box-shadow:4px 4px 4px  
4px #B7D2FD }
```

# Background

The CSS property to change the background color of an element to Hex B7D2FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D2FD }
```

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

```
.background{ background-color:#B7D2FD }
```

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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