

# Converting Colors

Hex(BDD1FD)

Have a look what the booklet for  
Hex(BDD1FD) contains.

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# **Color**

**Hex(BDD1FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDD1FD
RGB	189, 209, 253
RGB Percent	74%, 82%, 99%
CMY	0.2588, 0.1804, 0.0078
CMYK	0.25, 0.17, 0.00, 0.01
HSL	221°, 94%, 87%
HSV	221°, 25%, 99%
XYZ	61.5164, 63.5116, 101.9452
YIQ	208.0360, -26.0440, 9.4440

# Conversions

## Conversions Part 2

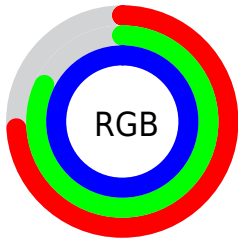
Format	Color
<a href="#">RYB</a>	<a href="#">189, 204, 253</a>
Decimal	<a href="#">12440061</a>
CIELab	<a href="#">83.71, 2.71, -23.74</a>
CIELCh	<a href="#">84, 23.898, 276.519</a>
Yxy	<a href="#">63.5116, 0.2710, 0.2798</a>
Android (android.graphics.Color)	<a href="#">4290630141 (0xFFBDD1FD)</a>
YUV	<a href="#">208.0360, 22.1673, -16.6946</a>
Hunter-Lab	<a href="#">79.6942, -1.6797, -20.0582</a>

# Details

The Hex color **BDD1FD** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FDE9BD**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **F6FFFF**, and **879BC4** is the 20% darker color. If you saturate the color by 10%, you get **A4C0FD**, and if you desaturate by 10%, it is **D6E2FD**.

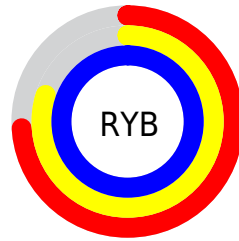
# Distribution



Red (74%)

Green (82%)

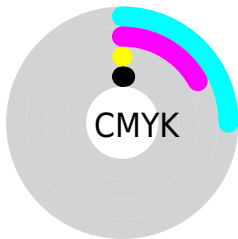
Blue (99%)



Red (74%)

Yellow (80%)

Blue (99%)

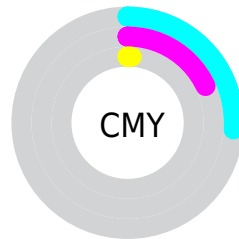


Cyan (25%)

Magenta (17%)

Yellow (0%)

Black (1%)



Cyan (26%)

Magenta (18%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDD1FD 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 BDD1FD by changing the saturation by 10% instead.



 BDD1FD

FFFFFF

 F6FFFF

 BDD1FD

 A1B5E0

 879BC4

 6C81A9

 53688E

 3A5075

 20395C

 022444

 000E2E

 000119

 BDD1FD

 BDD1FD

 A4C0FD

 D6E2FD

 8AAEFD

 F0F4FD

 719DFD

FFFFFFD

 588BFD

 3F7AFD

 2569FD

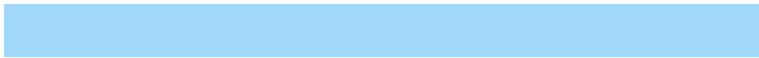
 0C57FD

 004FFD

# Harmonies

## Analogous

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



A1D8F9



BDD1FD



DBC9F5

# Triad

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



BDD1FD



FEC3B7



ABDCBE

# Complementary

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



BDD1FD



FDE9BD

# 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.



C4D7AC



BDD1FD



F2C9A8

# Square

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



BDD1FD



FEC1CC



DDD1A4



98DED5

# Rectangle

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



BDD1FD



EBC5EA



DDD1A4



B3DBB7



# Sweetspot

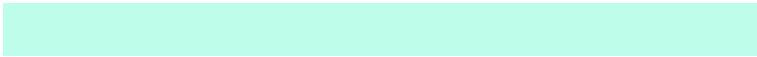
The Sweet Spot groups the original color and five complimentary colors.



BDD1FD



EBF1FF



BDFDE9



737780



000000



808080



# Same Dimension

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



BDD1FD



B3CAFF



C9BDFD



737780



003CBF



001440



# Inverse Universe

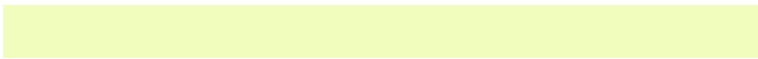
The Inverse Universe completely reimagines the original color for something new.



FDBDD1



FFB3CA



F1FDBD



807377



BF003C

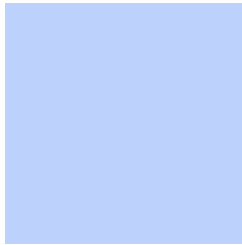


400014



# Previews

## White Background



This preview shows how the Hex color BDD1FD looks on a white background.

## Color Contrast Check

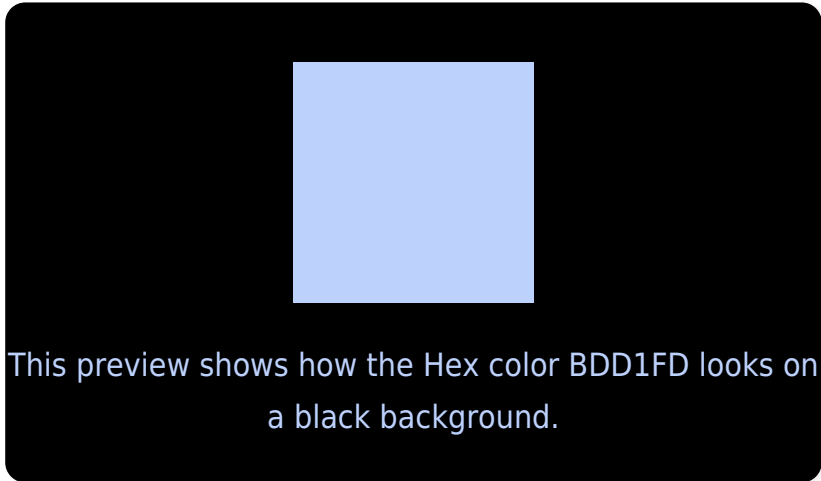
Large Text (above 18pt) WCAG AA × Fail

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

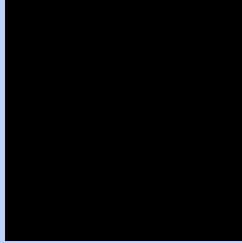
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

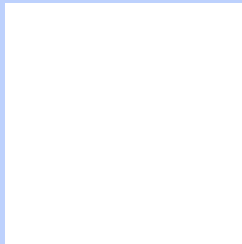
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDD1FD Background



This preview shows how black text looks on a background with the Hex color BDD1FD.

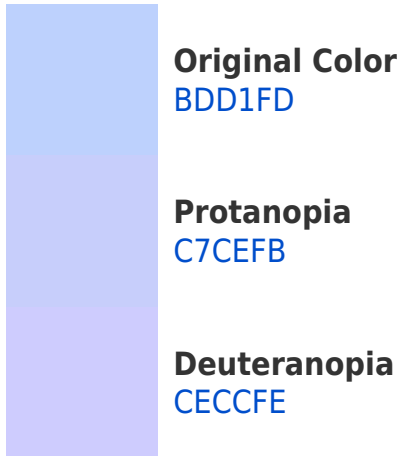


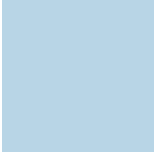
This preview shows how white text looks on a background with the Hex color BDD1FD.

# 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



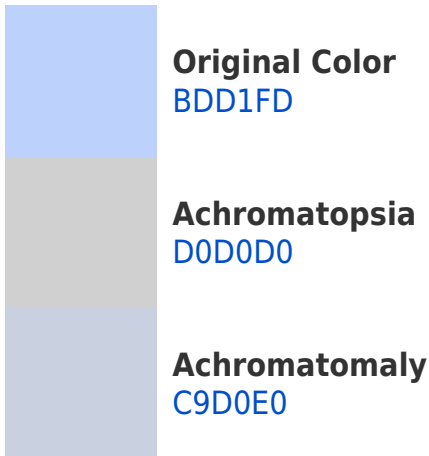


**Tritanopia**  
B8D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDD1FD 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 #BDD1FD looks like.

```
.text, #text, p{  
    color:#BDD1FD  
}
```

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 #BDD1FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD1FD
}
```

## Border

The CSS property to change the border of an element to Hex BDD1FD 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
#BDD1FD }
```

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

```
.border{ border-color:#BDD1FD }
```

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

Here you see how a box with a 4 pixel #BDD1FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD1FD; -webkit-box-shadow:4px 4px  
4px 4px #BDD1FD; box-shadow:4px 4px 4px  
4px #BDD1FD }
```

# Background

The CSS property to change the background color of an element to Hex BDD1FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD1FD }
```

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

```
.background{ background-color:#BDD1FD }
```

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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