

# Converting Colors

Hex(B2D1FD)

Have a look what the booklet for  
Hex(B2D1FD) contains.

<b>Hex(B2D1FD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B2D1FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2D1FD
RGB	178, 209, 253
RGB Percent	70%, 82%, 99%
CMY	0.3020, 0.1804, 0.0078
CMYK	0.30, 0.17, 0.00, 0.01
HSL	215°, 95%, 85%
HSV	215°, 30%, 99%
XYZ	58.8902, 62.1578, 101.8223
YIQ	204.7470, -32.6000, 7.1120

# Conversions

## Conversions Part 2

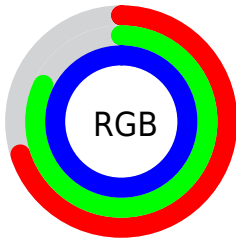
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	178, 200, 253
Decimal	11719165
CIE Lab	83.00, -0.46, -24.90
CIE LCh	83, 24.899, 268.952
Yxy	62.1578, 0.2642, 0.2789
Android (android.graphics.Color)	4289909245 (0xFFB2D1FD)
YUV	204.7470, 23.7887, -23.4571
Hunter-Lab	78.8402, -4.6386, -21.3851

# Details

The Hex color **B2D1FD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDDEB2**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **EBFFFF**, and **7B9BC4** is the 20% darker color. If you saturate the color by 10%, you get **99C2FD**, and if you desaturate by 10%, it is **CBE0FD**.

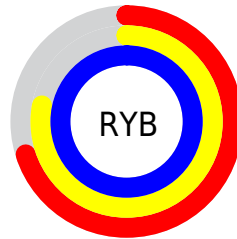
# Distribution



Red (70%)

Green (82%)

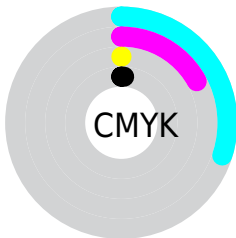
Blue (99%)



Red (70%)

Yellow (78%)

Blue (99%)

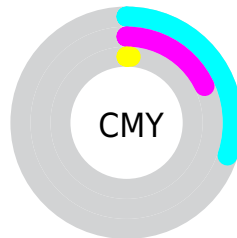


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (1%)



Cyan (30%)

Magenta (18%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2D1FD 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 B2D1FD by changing the saturation by 10% instead.



 B2D1FD

 B2D1FD

FFFFFF

 96B5E0

 EBFFFF

 7B9BC4

 6181A9

 47688E

 2D5075

 0F395C

 002444

 000E2E

 000119

 B2D1FD

 B2D1FD

 99C2FD

 CBE0FD

 7FB3FD

 E5E9FD

 66A4FD


 FEFEFD

 4D96FD

FFFFFFD

 3387FD

 1A78FD

 0169FD

 0069FD

# Harmonies

## Analogous

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



97D8F6



B2D1FD



D2C9F8

# Triad

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



B2D1FD



FFBFB9



ADD9B6

# Complementary

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



B2D1FD



FDDEB2

# 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.



C8D4A5



B2D1FD



F5C5A7

# Square

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



B2D1FD



FCBED0



E1CDA0



97DCCD

# Rectangle

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



B2D1FD



E4C4EE



E1CDA0



B6D8AF

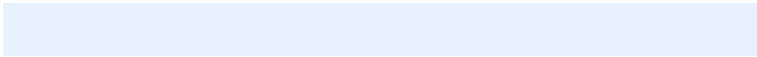


# Sweetspot

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



B2D1FD



E8F2FF



B2FDDE



717780



000000

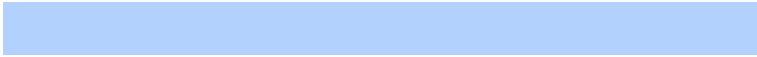


808080



# Same Dimension

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



B2D1FD



A3C9FF



B8B2FD



737880



004FBF



001A40



# Inverse Universe

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



FDB2D1



FFA3C9



F7FDB2



807378



BF004F

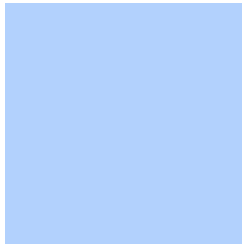


40001A



# Previews

## White Background



This preview shows how the Hex color B2D1FD looks on a white background.

## Color Contrast Check

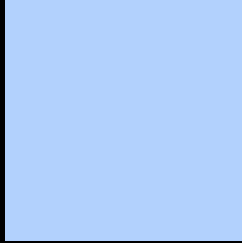
Large Text (above 18pt) WCAG AA × Fail

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 B2D1FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

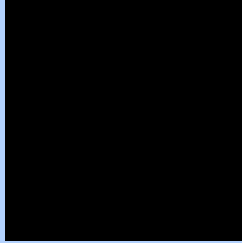
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

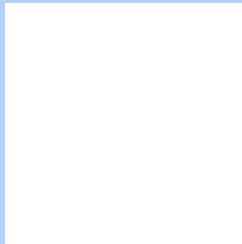
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2D1FD Background



This preview shows how black text looks on a background with the Hex color B2D1FD.

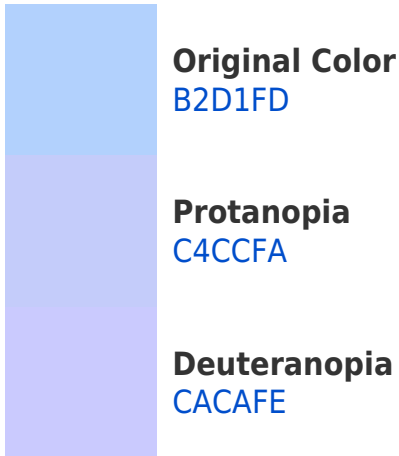


This preview shows how white text looks on a background with the Hex color B2D1FD.

# 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](#).

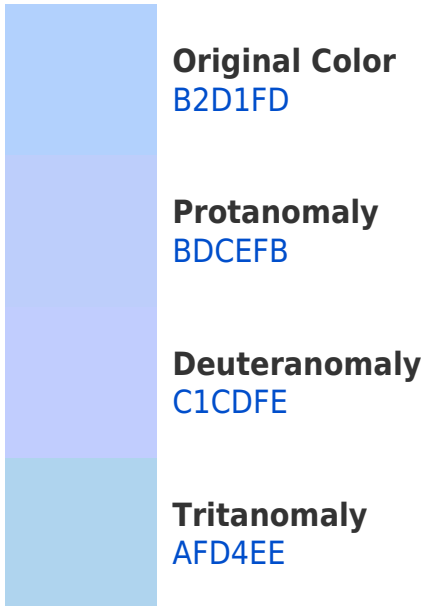
## Dichromacy



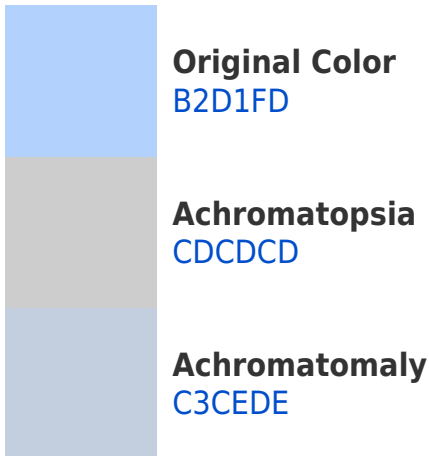


**Tritanopia**  
ADD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2D1FD 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 #B2D1FD looks like.

```
.text, #text, p{  
    color:#B2D1FD  
}
```

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 #B2D1FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D1FD
}
```

## Border

The CSS property to change the border of an element to Hex B2D1FD 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
#B2D1FD }
```

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

```
.border{ border-color:#B2D1FD }
```

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

Here you see how a box with a 4 pixel #B2D1FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D1FD; -webkit-box-shadow:4px 4px  
4px 4px #B2D1FD; box-shadow:4px 4px 4px  
4px #B2D1FD }
```

# Background

The CSS property to change the background color of an element to Hex B2D1FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D1FD }
```

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

```
.background{ background-color:#B2D1FD }
```

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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