

Converting Colors

Hex(B1D9FD)

Have a look what the booklet for
Hex(B1D9FD) contains.

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Color

Hex(B1D9FD)

Conversions

Conversions Part 1	
Format	Color
Hex	B1D9FD
RGB	177, 217, 253
RGB Percent	69%, 85%, 99%
CMY	0.3059, 0.1490, 0.0078
CMYK	0.30, 0.14, 0.00, 0.01
HSL	208°, 95%, 84%
HSV	208°, 30%, 99%
XYZ	60.6739, 66.0647, 102.4824
YIQ	209.1440, -35.3960, 2.7160

Conversions

Conversions Part 2

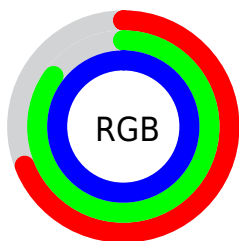
Format	Color
RYB	177, 203, 253
Decimal	11655677
CIELab	85.03, -4.95, -21.81
CIELCh	85, 22.368, 257.206
Yxy	66.0647, 0.2647, 0.2882
Android (android.graphics.Color)	4289845757 (0xFFB1D9FD)
YUV	209.1440, 21.6210, -28.1903
Hunter-Lab	81.2802, -8.9938, -17.8599

Details

The Hex color **B1D9FD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDD5B1**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **EAEAEAE**, and **7AA2C4** is the 20% darker color. If you saturate the color by 10%, you get **98CDFD**, and if you desaturate by 10%, it is **CAE5FD**.

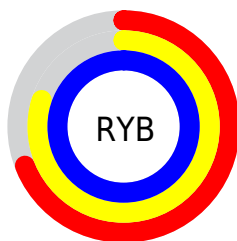
Distribution



Red (69%)

Green (85%)

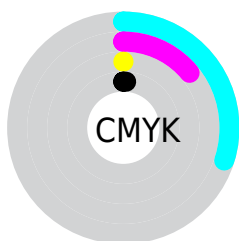
Blue (99%)



Red (69%)

Yellow (80%)

Blue (99%)

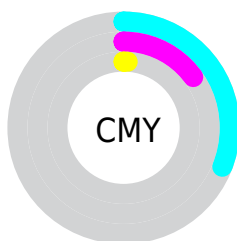


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (15%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D9FD 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 B1D9FD by changing the saturation by 10% instead.

 B1D9FD

 B1D9FD

FFFFFF

 95BDE0

 EAEFFF

 7AA2C4

 6088A9

 466F8E

 2B5675

 0B3F5C

 002944

 00152E

 000119

 B1D9FD

 B1D9FD

 98CDFD

 CAE5FD

 7EC1FD

 E4F1FD

 65B5FD

 FDFDFD

 4CA9FD

FFFFFFD

 329DFD

 1991FD

 0085FD

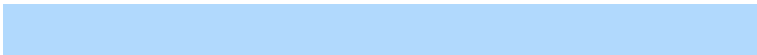
Harmonies

Analogous

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



9EDEF3



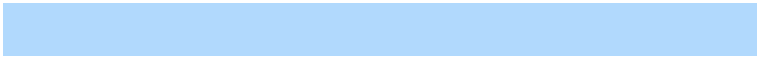
B1D9FD



CCD2FC

Triad

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



B1D9FD



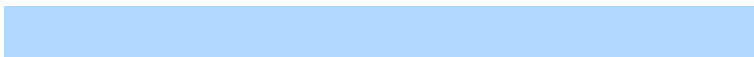
FFC6C9



C0DDB7

Complementary

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



B1D9FD



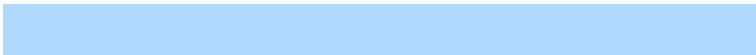
FDD5B1

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.



D8D7AC



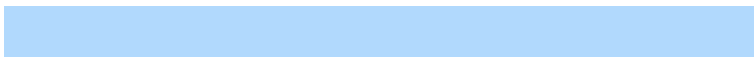
B1D9FD



FCC9B6

Square

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



B1D9FD



F9C6DE



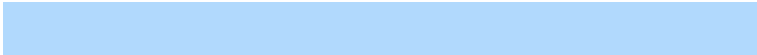
EDD0AC



AAE0CA

Rectangle

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



B1D9FD



DFCDF6



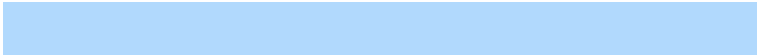
EDD0AC



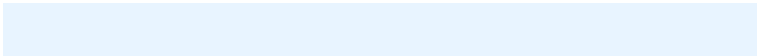
C8DBB2

Sweetspot

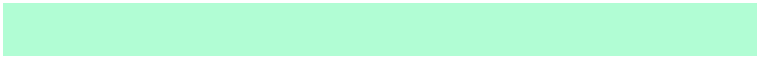
The Sweet Spot groups the original color and five complimentary colors.



B1D9FD



E8F4FF



B1FDD4



717980



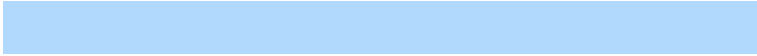
000000



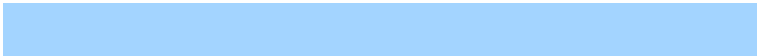
808080

Same Dimension

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



B1D9FD



A3D4FF



B1B4FD



737980



0065BF



002240

Inverse Universe

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



FDB1D9



FFA3D4



FDFAB1



807379



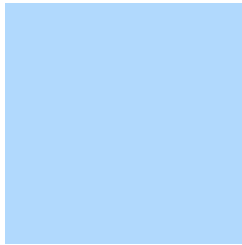
BF0065



400022

Previews

White Background



This preview shows how the Hex color B1D9FD looks on a white background.

Color Contrast Check

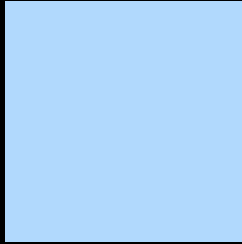
Large Text (above 18pt) WCAG AA × Fail

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 B1D9FD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

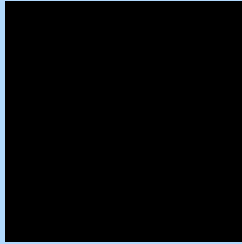
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

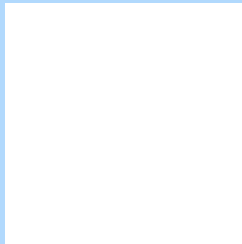
Any Text WCAG AAA ✓ Pass

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

Hex B1D9FD Background



This preview shows how black text looks on a background with the Hex color B1D9FD.



This preview shows how white text looks on a background with the Hex color B1D9FD.

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

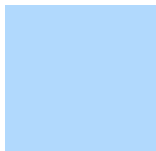
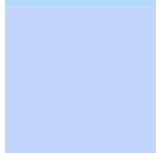




Original Color
B1D9FD

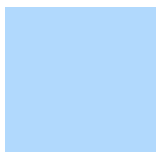
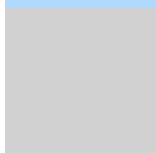
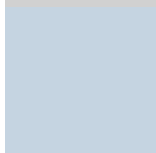
Protanopia
CCD2F8

Deuteranopia
D3CFFF

Trichromacy

	Original Color B1D9FD
	Protanomaly C2D5FA
	Deuteranomaly C7D3FE
	Tritanomaly AFDBF3

Monochromacy

	Original Color B1D9FD
	Achromatopsia D1D1D1
	Achromatomaly C5D4E1

CSS Examples

Text

The CSS property to change the color of the text to Hex B1D9FD 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 #B1D9FD looks like.

```
.text, #text, p{  
    color:#B1D9FD  
}
```

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 #B1D9FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D9FD
}
```

Border

The CSS property to change the border of an element to Hex B1D9FD 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
#B1D9FD }
```

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

```
.border{ border-color:#B1D9FD }
```

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

Here you see how a box with a 4 pixel #B1D9FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D9FD; -webkit-box-shadow:4px 4px  
4px 4px #B1D9FD; box-shadow:4px 4px 4px  
4px #B1D9FD }
```

Background

The CSS property to change the background color of an element to Hex B1D9FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D9FD }
```

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

```
.background{ background-color:#B1D9FD }
```

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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