

Converting Colors

Hex(B1FDFD)

Have a look what the booklet for
Hex(B1FDFD) contains.

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Color

Hex(B1FDFD)

Conversions

Conversions Part 1

Format	Color
Hex	B1DFDF
RGB	177, 253, 253
RGB Percent	69%, 99%, 99%
CMY	0.3059, 0.0078, 0.0078
CMYK	0.30, 0.00, 0.00, 0.01
HSL	180°, 95%, 84%
HSV	180°, 30%, 99%
XYZ	70.9864, 86.6895, 105.9199
YIQ	230.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

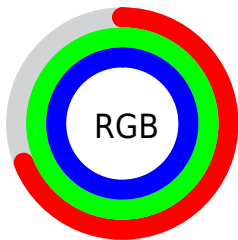
Format	Color
RYB	177, 215, 253
Decimal	11664893
CIELab	94.61, -23.11, -7.47
CIELCh	95, 24.284, 197.911
Yxy	86.6895, 0.2693, 0.3289
Android (android.graphics.Color)	4289854973 (0xFFB1FDFD)
YUV	230.2760, 11.2029, -46.7231
Hunter-Lab	93.1072, -26.8465, -2.2740

Details

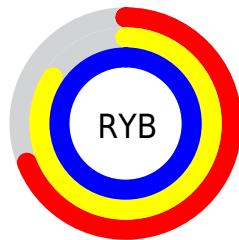
The Hex color **B1DFD** is a light color, and the websafe version is hex **99FFF**. A complement of this color would be **FDB1B1**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **EBFFF**, and **79C4C4** is the 20% darker color. If you saturate the color by 10%, you get **98DFD**, and if you desaturate by 10%, it is **CAFDFD**.

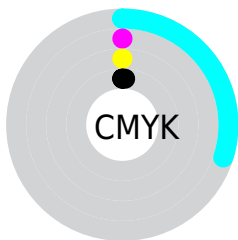
Distribution



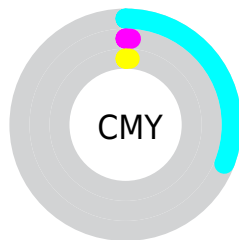
- Red (69%)
- Green (99%)
- Blue (99%)



- Red (69%)
- Yellow (84%)
- Blue (99%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (31%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1FDFD 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 B1FDFD by changing the saturation by 10% instead.

 B1FDFD

 B1FDFD

FFFFFF

 95E0E0

 EBFFFF

 79C4C4

 5EA9A9

 428E8F

 257475

 005C5D

 004445

 002D2F

 00191A

 B1FDFD

 B1FDFD

 98FDFD

 CAFDFD

 7EFDFD

 E4FDFD

 65FDFD

 FDFDFD

 4CFDFD

 FFFDFD

 32FDFD

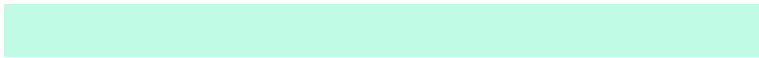
 19FDFD

 00FDFD

Harmonies

Analogous

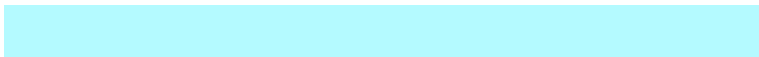
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C0FCE5



B1FDFD



B4FAFF

Triad

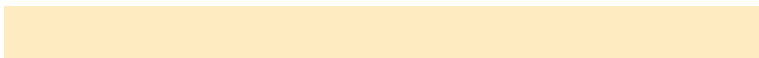
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B1DFD



FFE5FF



FFEBC2

Complementary

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



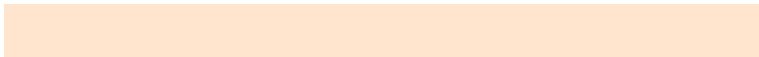
B1FDFD



FDB1B1

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.



FFE4CE



B1DFD



FFE0FA

Square

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



B1DFD



E7EDFF



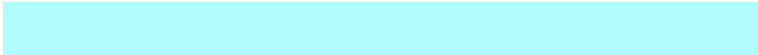
FFDFE2



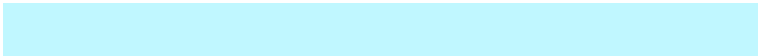
F3F2C3

Rectangle

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



B1FDFD



C0F7FF



FFDFE2



FFE8C5

Sweetspot

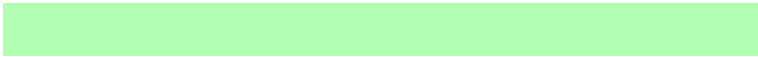
The Sweet Spot groups the original color and five complimentary colors.



B1FDFD



E8FFFF



B1FDB1



718080



000000



808080

Same Dimension

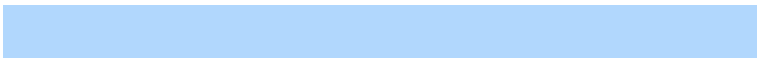
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1FDFD



A3FFFF



B1D7FD



738080



00BFBF



004040

Inverse Universe

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



FDB1FD



FFA3FF



FDD7B1



807380



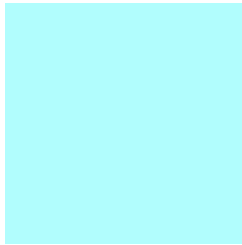
BF00BF



400040

Previews

White Background



This preview shows how the Hex color B1DFDF looks on a white background.

Color Contrast Check

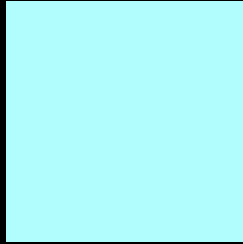
Large Text (above 18pt) WCAG AA × Fail

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 B1DFDF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

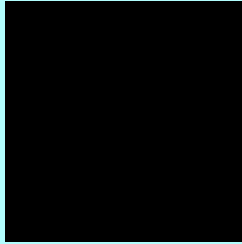
Any Text WCAG AA ✓ Pass

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 B1DFD Background



This preview shows how black text looks on a background with the Hex color B1DFD.

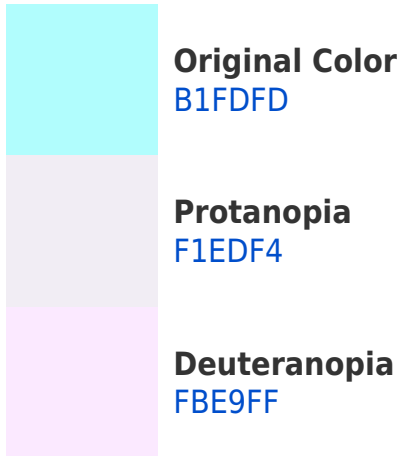


This preview shows how white text looks on a background with the Hex color B1DFD.

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



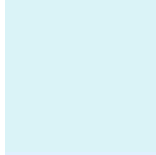


Tritanopia
D4F5FF

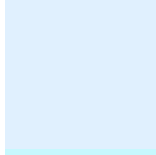
Trichromacy



Original Color
B1FDFD



Protanomaly
DAF3F7

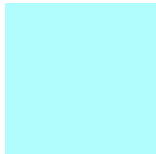


Deuteranomaly
E0F0FE

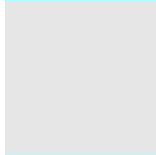


Tritanomaly
C7F8FE

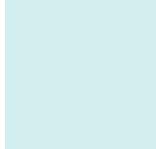
Monochromacy



Original Color
B1FDFD



Achromatopsia
E6E6E6



Achromatomaly
D3EEEE

CSS Examples

Text

The CSS property to change the color of the text to Hex B1FDFD 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 #B1FDFD looks like.

```
.text, #text, p{  
    color:#B1FDFD  
}
```

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 #B1FDFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1FDFD
}
```

Border

The CSS property to change the border of an element to Hex B1FDFD 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
#B1FDFD }
```

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

```
.border{ border-color:#B1DFD } 
```

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

Here you see how a box with a 4 pixel #B1DFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1DFD; -webkit-box-shadow:4px 4px  
4px 4px #B1DFD; box-shadow:4px 4px 4px  
4px #B1DFD } 
```

Background

The CSS property to change the background color of an element to Hex B1FDFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1FDFD }
```

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

```
.background{ background-color:#B1FDFD }
```

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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