

Converting Colors

Hex(B1FFD8)

Have a look what the booklet for
Hex(B1FFD8) contains.

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Color

Hex(B1FFD8)

Conversions

Conversions Part 1

Format	Color
Hex	B1FFD8
RGB	177, 255, 216
RGB Percent	69%, 100%, 85%
CMY	0.3059, 0.0000, 0.1529
CMYK	0.31, 0.00, 0.15, 0.00
HSL	150°, 100%, 85%
HSV	150°, 31%, 100%
XYZ	66.2861, 85.8250, 78.0380
YIQ	227.2320, -33.9690, -28.6650

Conversions

Conversions Part 2

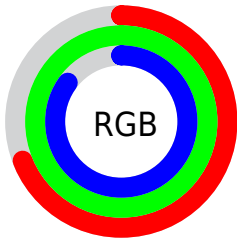
Format	Color
RYB	177, 229, 255
Decimal	11665368
CIELab	94.24, -31.76, 11.08
CIELCh	94, 33.637, 160.765
Yxy	85.8250, 0.2880, 0.3729
Android (android.graphics.Color)	4289855448 (0xFFB1FFD8)
YUV	227.2320, -5.5374, -44.0535
Hunter-Lab	92.6418, -34.4045, 14.9056

Details

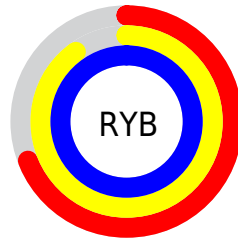
The Hex color **B1FFD8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FFB1D8**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **EAFFFF**, and **7AC6A1** is the 20% darker color. If you saturate the color by 10%, you get **97FFCB**, and if you desaturate by 10%, it is **CBFFE5**.

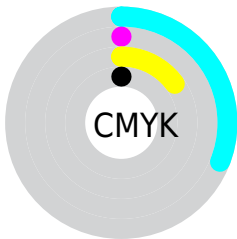
Distribution



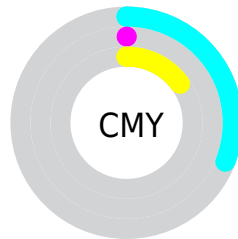
- Red (69%)
- Green (100%)
- Blue (85%)



- Red (69%)
- Yellow (90%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1FFD8 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 B1FFD8 by changing the saturation by 10% instead.

 B1FFD8

FFFFFF

 EAFFFF

 B1FFD8

 95E2BC

 7AC6A1

 5FAA87

 45906E

 297655

 045D3E

 004428

 002D13

 001700

 B1FFD8

 B1FFD8

 97FFCB

 CBFFE5

 7EFFBF

 E4FFF2

 64FFB2

FEFFFE

 4BFFA5

FFFFFF

 31FF98

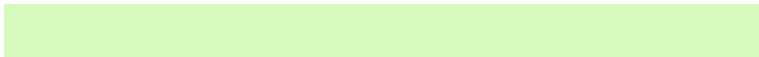
 18FF8C

 00FF80

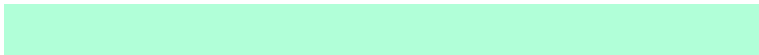
Harmonies

Analogous

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



D6F9BC



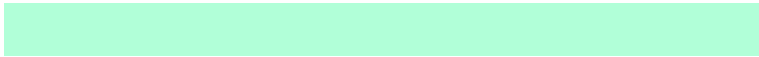
B1FFD8



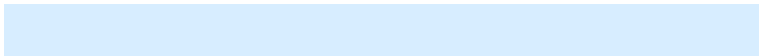
94FFF9

Triad

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



B1FFD8



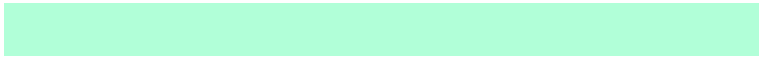
D7EDFF



FFDCC5

Complementary

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



B1FFD8



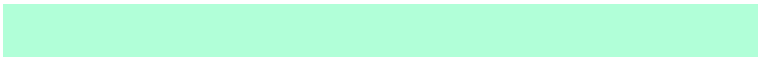
FFB1D8

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.



FFD7E4



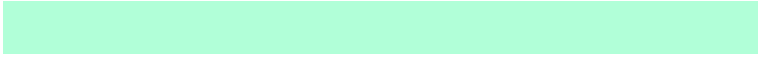
B1FFD8



FFE2FF

Square

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



B1FFD8



AAF8FF



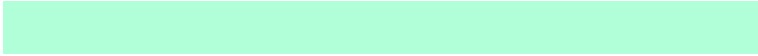
FFD9FF



FFE5B2

Rectangle

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



B1FFD8



8DFFFF



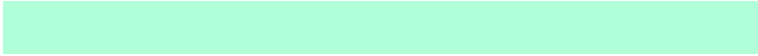
FFD9FF



FFD9CF

Sweetspot

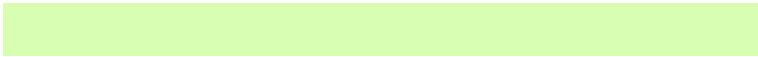
The Sweet Spot groups the original color and five complimentary colors.



B1FFD8



E8FFF4



D8FFB1



718078



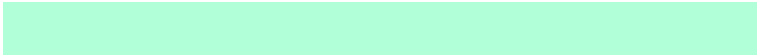
000000



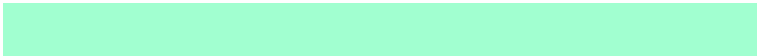
808080

Same Dimension

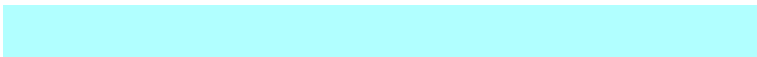
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1FFD8



A1FFD0



B1FFFF



738079



00BF60



004020

Inverse Universe

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



FFB1D8



FFA1D0



FFB1B1



807379



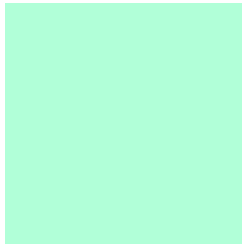
BF0060



400020

Previews

White Background



This preview shows how the Hex color B1FFD8 looks on a white background.

Color Contrast Check

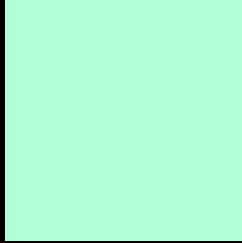
Large Text (above 18pt) WCAG AA × Fail

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 B1FFD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

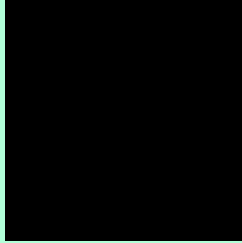
Any Text WCAG AA ✓ Pass

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 B1FFD8 Background



This preview shows how black text looks on a background with the Hex color B1FFD8.

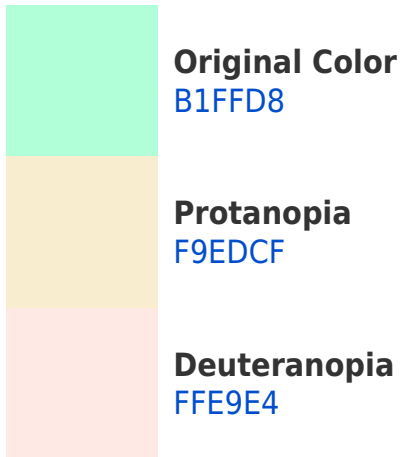


This preview shows how white text looks on a background with the Hex color B1FFD8.

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



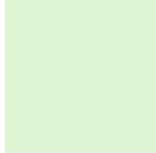


Tritanopia
D3F3FF

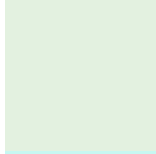
Trichromacy



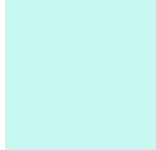
Original Color
B1FFD8



Protanomaly
DFF4D2

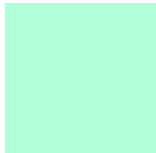


Deuteranomaly
E3F1E0

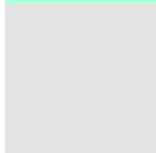


Tritanomaly
C7F7F1

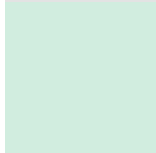
Monochromacy



Original Color
B1FFD8



Achromatopsia
E3E3E3



Achromatomaly
D1EDDF

CSS Examples

Text

The CSS property to change the color of the text to Hex B1FFD8 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 #B1FFD8 looks like.

```
.text, #text, p{  
    color:#B1FFD8  
}
```

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 #B1FFD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1FFD8
}
```

Border

The CSS property to change the border of an element to Hex B1FFD8 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
#B1FFD8 }
```

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

```
.border{ border-color:#B1FFD8 }
```

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

Here you see how a box with a 4 pixel #B1FFD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1FFD8; -webkit-box-shadow:4px 4px  
4px 4px #B1FFD8; box-shadow:4px 4px 4px  
4px #B1FFD8 }
```

Background

The CSS property to change the background color of an element to Hex B1FFD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1FFD8 }
```

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

```
.background{ background-color:#B1FFD8 }
```

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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