

Converting Colors

Hex(B0FDC7)

Have a look what the booklet for
Hex(B0FDC7) contains.

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Color

Hex(B0FDC7)

Conversions

Conversions Part 1

Format	Color
Hex	B0FDC7
RGB	176, 253, 199
RGB Percent	69%, 99%, 78%
CMY	0.3098, 0.0078, 0.2196
CMYK	0.30, 0.00, 0.21, 0.01
HSL	138°, 95%, 84%
HSV	138°, 30%, 99%
XYZ	63.3386, 83.6042, 66.8318
YIQ	223.8210, -28.5580, -33.1180

Conversions

Conversions Part 2

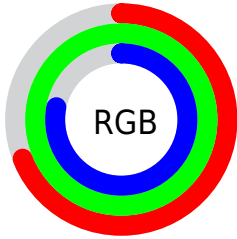
Format	Color
RYB	176, 235, 253
Decimal	11599303
CIELab	93.28, -34.30, 18.44
CIElCh	93, 38.941, 151.733
Yxy	83.6042, 0.2963, 0.3911
Android (android.graphics.Color)	4289789383 (0xFFB0FDC7)
YUV	223.8210, -12.2368, -41.9390
Hunter-Lab	91.4353, -36.3623, 20.6686

Details

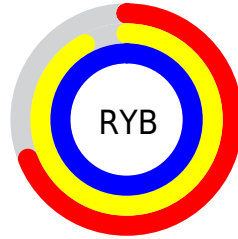
The Hex color **B0FDC7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FDB0E6**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **E9FFFF**, and **79C491** is the 20% darker color. If you saturate the color by 10%, you get **97FDB5**, and if you desaturate by 10%, it is **C9FDD9**.

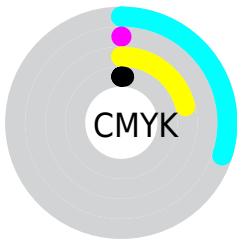
Distribution



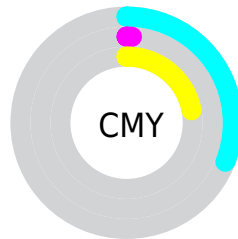
- Red (69%)
- Green (99%)
- Blue (78%)



- Red (69%)
- Yellow (92%)
- Blue (99%)



- Cyan (30%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)



- Cyan (31%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0FDC7 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 B0FDC7 by changing the saturation by 10% instead.

 B0FDC7

 B0FDC7

FFFFFF

 94E0AC

 E9FFFF

 79C491

 5EA877

 448E5E

 297446

 055B30

 00431A

 002C01

 001400

 B0FDC7

 B0FDC7

 97FDB5

 C9FDD9

 7DFDA4

 E3FDEA

 64FD92

 FCFDFC

 4BFD80

 FFFDFF

 31FD6E

 18FD5D

 00FD4C

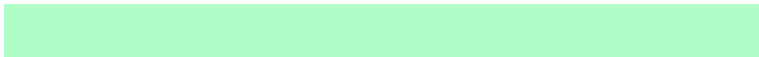
Harmonies

Analogous

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



DCF5AB



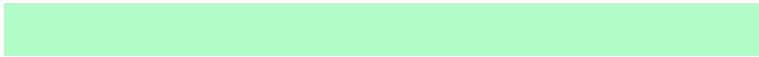
B0FDC7



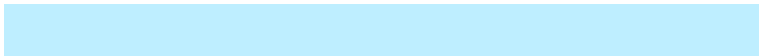
87FFED

Triad

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



B0FDC7



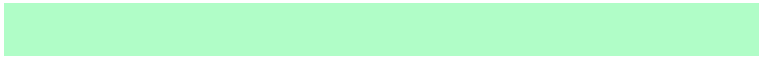
BEEEFF



FFD3C6

Complementary

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



B0FDC7



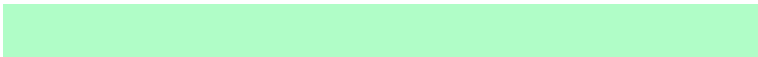
FDB0E6

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.



FFD0EB



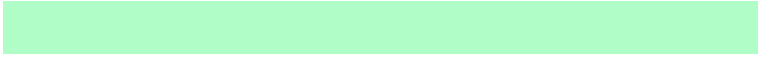
B0FDC7



F4E1FF

Square

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



B0FDC7



89F9FF



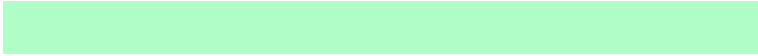
FFD5FF



FFDDAB

Rectangle

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



B0FDC7



74FFFF



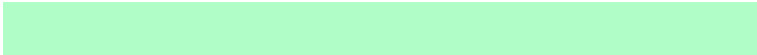
FFD5FF



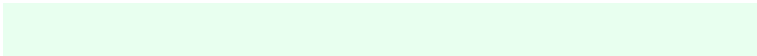
FFD1D2

Sweetspot

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



B0FDC7



E8FFEF



E7FDB0



718076



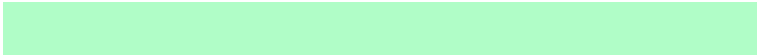
000000



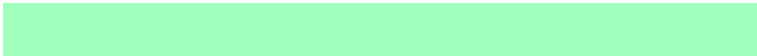
808080

Same Dimension

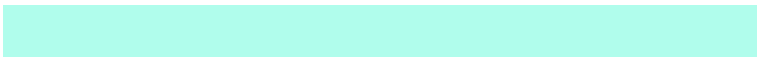
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B0FDC7



A1FFBD



B0FDEC



738077



00BF39



004013

Inverse Universe

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



FDB0E6



FFA1E3



FDB0C1



80737C



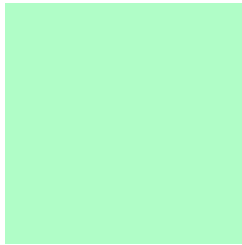
BF0086



40002D

Previews

White Background



This preview shows how the Hex color B0FDC7 looks on a white background.

Color Contrast Check

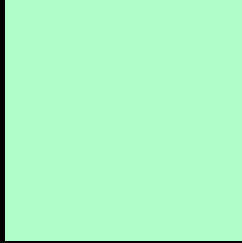
Large Text (above 18pt) WCAG AA × Fail

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 B0FDC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

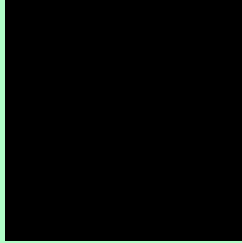
Any Text WCAG AA ✓ Pass

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 B0FDC7 Background



This preview shows how black text looks on a background with the Hex color B0FDC7.

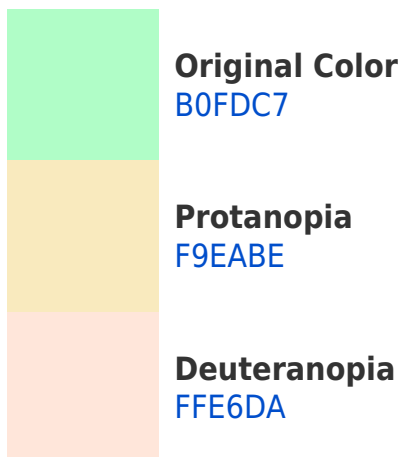


This preview shows how white text looks on a background with the Hex color B0FDC7.

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](#).

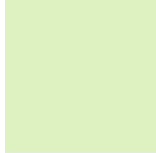
Dichromacy



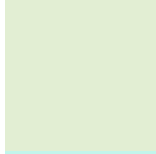
Trichromacy



Original Color
B0FDC7



Protanomaly
DEF1C1

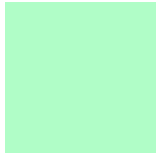


Deuteranomaly
E2EED3

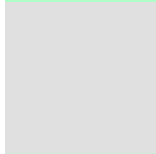


Tritanomaly
C2F5EB

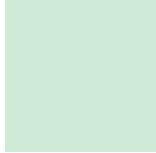
Monochromacy



Original Color
B0FDC7



Achromatopsia
E0E0E0



Achromatomaly
CFEBD7

CSS Examples

Text

The CSS property to change the color of the text to Hex B0FDC7 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 #B0FDC7 looks like.

```
.text, #text, p{  
    color:#B0FDC7  
}
```

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 #B0FDC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0FDC7
}
```

Border

The CSS property to change the border of an element to Hex B0FDC7 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
#B0FDC7 }
```

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

```
.border{ border-color:#B0FDC7 }
```

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

Here you see how a box with a 4 pixel #B0FDC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0FDC7; -webkit-box-shadow:4px 4px  
4px 4px #B0FDC7; box-shadow:4px 4px 4px  
4px #B0FDC7 }
```

Background

The CSS property to change the background color of an element to Hex B0FDC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0FDC7 }
```

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

```
.background{ background-color:#B0FDC7 }
```

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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