

Converting Colors

Hex(B0F7BD)

Have a look what the booklet for
Hex(B0F7BD) contains.

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Color

Hex(B0F7BD)

Conversions

Conversions Part 1

Format	Color
Hex	B0F7BD
RGB	176, 247, 189
RGB Percent	69%, 97%, 74%
CMY	0.3098, 0.0314, 0.2588
CMYK	0.29, 0.00, 0.23, 0.03
HSL	131°, 82%, 83%
HSV	131°, 29%, 97%
XYZ	60.3506, 79.4258, 60.2940
YIQ	219.1590, -23.6980, -33.0900

Conversions

Conversions Part 2

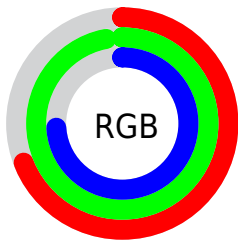
Format	Color
RYB	176, 236, 247
Decimal	11597757
CIELab	91.43, -33.29, 20.98
CIElCh	91, 39.354, 147.780
Yxy	79.4258, 0.3016, 0.3970
Android (android.graphics.Color)	4289787837 (0xFFB0F7BD)
YUV	219.1590, -14.8684, -37.8504
Hunter-Lab	89.1211, -35.0863, 22.2727

Details

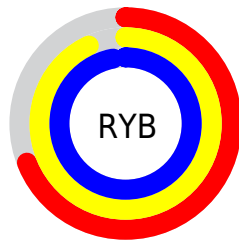
The Hex color **B0F7BD** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F7B0EA**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **E9FFF5**, and **79BE87** is the 20% darker color. If you saturate the color by 10%, you get **97F7A9**, and if you desaturate by 10%, it is **C9F7D1**.

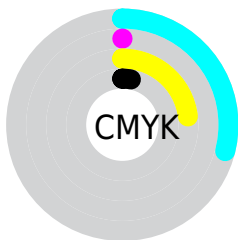
Distribution



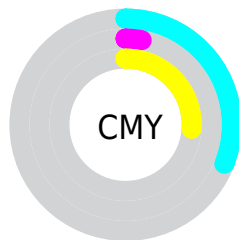
- Red (69%)
- Green (97%)
- Blue (74%)



- Red (69%)
- Yellow (93%)
- Blue (97%)



- Cyan (29%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)



- Cyan (31%)
- Magenta (3%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0F7BD 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 B0F7BD by changing the saturation by 10% instead.

 B0F7BD

FFFFFF

 E9FFF5

 B0F7BD

 94DAA2

 79BE87

 5FA36E

 458855

 2A6F3E

 0B5627

 003E12

 002800

 000A00

 B0F7BD

 B0F7BD

 97F7A9

 C9F7D1

 7FF795

 E1F7E5

 66F780

 FAF7FA

 4DF76C

 FFF7FF

 34F758

 1CF744

 03F730

 00F72D

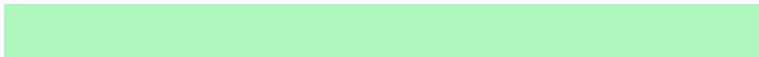
Harmonies

Analogous

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



DCEFA3



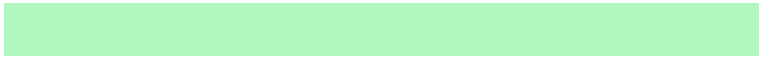
B0F7BD



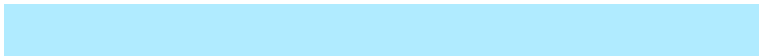
85FBE2

Triad

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



B0F7BD



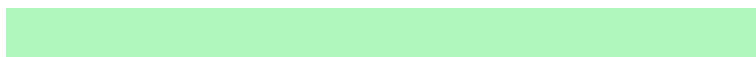
B0EBFF



FFCC5

Complementary

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



B0F7BD



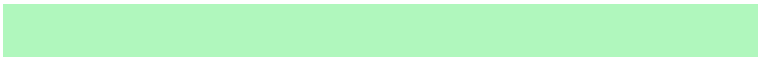
F7B0EA

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.



FFCAEB



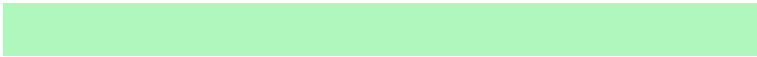
B0F7BD



E8DEFF

Square

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



B0F7BD



7BF5FF



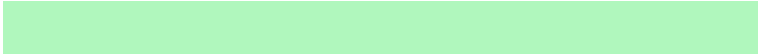
FFD1FF



FFD6A8

Rectangle

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



B0F7BD



6FFBFC



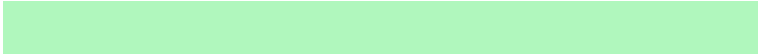
FFD1FF



FFCBD1

Sweetspot

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



B0F7BD



E8FFEC



EBF7B0



718074



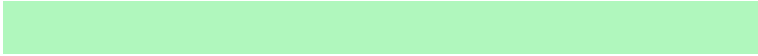
000000



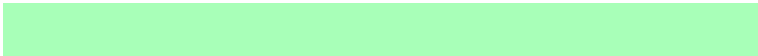
808080

Same Dimension

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



B0F7BD



A8FFB8



B0F7DF



6E7A70



00BA22



003B0B

Inverse Universe

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



F7B0EA



FFA8EF



F7B0C8



7A6E78



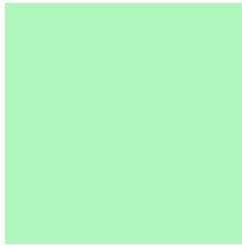
BA0098



3B0030

Previews

White Background



This preview shows how the Hex color B0F7BD 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 B0F7BD 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

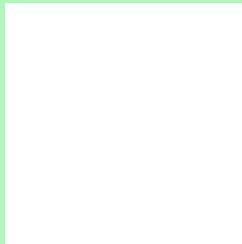
Any Text WCAG AAA ✓ Pass

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

Hex B0F7BD Background



This preview shows how black text looks on a background with the Hex color B0F7BD.

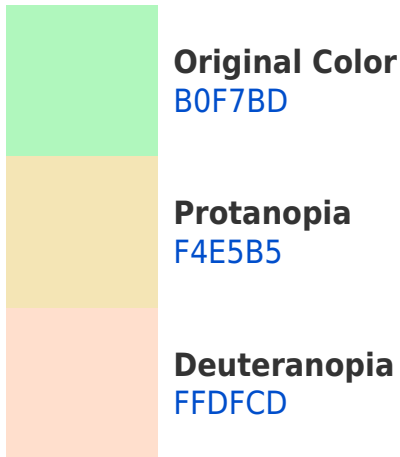


This preview shows how white text looks on a background with the Hex color B0F7BD.

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](#).

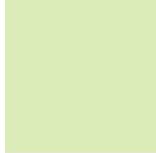
Dichromacy



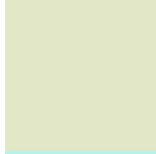
Trichromacy



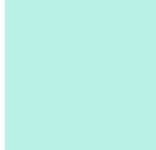
Original Color
B0F7BD



Protanomaly
DBECB8

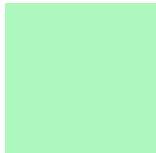


Deuteranomaly
E2E8C7

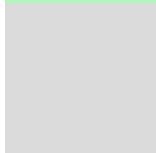


Tritanomaly
BAF1E7

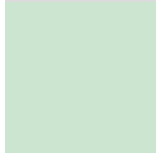
Monochromacy



Original Color
B0F7BD



Achromatopsia
DBDBDB



Achromatomaly
CBE5D0

CSS Examples

Text

The CSS property to change the color of the text to Hex B0F7BD 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 #B0F7BD looks like.

```
.text, #text, p{  
    color:#B0F7BD  
}
```

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 #B0F7BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0F7BD }  
}
```

Border

The CSS property to change the border of an element to Hex B0F7BD 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 #B0F7BD }  
}
```

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

```
.border{ border-color:#B0F7BD }
```

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

Here you see how a box with a 4 pixel #B0F7BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0F7BD; -webkit-box-shadow:4px 4px  
4px 4px #B0F7BD; box-shadow:4px 4px 4px  
4px #B0F7BD }
```

Background

The CSS property to change the background color of an element to Hex B0F7BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0F7BD }
```

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

```
.background{ background-color:#B0F7BD }
```

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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