

Converting Colors

Hex(B7F5B6)

Have a look what the booklet for
Hex(B7F5B6) contains.

Hex(B7F5B6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B7F5B6)

Conversions

Conversions Part 1

Format	Color
Hex	B7F5B6
RGB	183, 245, 182
RGB Percent	72%, 96%, 71%
CMY	0.2824, 0.0392, 0.2863
CMYK	0.25, 0.00, 0.26, 0.04
HSL	119°, 76%, 84%
HSV	119°, 26%, 96%
XYZ	60.6243, 78.7495, 56.2609
YIQ	219.2800, -16.7290, -32.7370

Conversions

Conversions Part 2

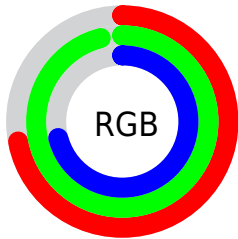
Format	Color
RYB	182, 245, 244
Decimal	12055990
CIELab	91.12, -31.33, 24.20
CIELCh	91, 39.587, 142.312
Yxy	78.7495, 0.3099, 0.4025
Android (android.graphics.Color)	4290246070 (0xFFB7F5B6)
YUV	219.2800, -18.3790, -31.8176
Hunter-Lab	88.7409, -33.3523, 24.5293

Details

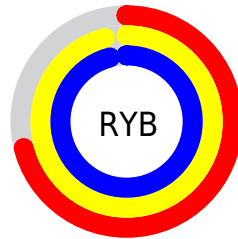
The Hex color **B7F5B6** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F4B6F5**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **F0FFEE**, and **81BC81** is the 20% darker color. If you saturate the color by 10%, you get **9FF59D**, and if you desaturate by 10%, it is **CFF5CE**.

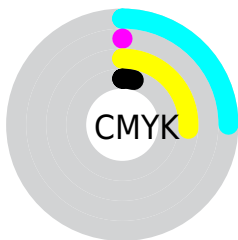
Distribution



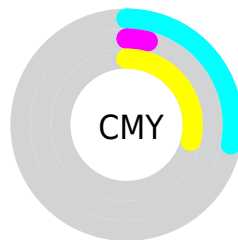
- Red (72%)
- Green (96%)
- Blue (71%)



- Red (71%)
- Yellow (96%)
- Blue (96%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)
- Black (4%)



- Cyan (28%)
- Magenta (4%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7F5B6 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 B7F5B6 by changing the saturation by 10% instead.

 B7F5B6

 B7F5B6

FFFFFF

 9BD89B

 F0FFEE

 81BC81

 66A167

 4D874F

 336D37

 185421

 003D0B

 002700

 000800

 B7F5B6

 B7F5B6

 9FF59D

 CFF5CE

 87F585

 E7F5E7

 6FF56C

 FFF5FF

 57F554

 3EF53B

 26F523

 0EF50A

 04F500

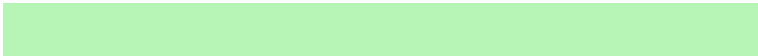
Harmonies

Analogous

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



E3EC9E



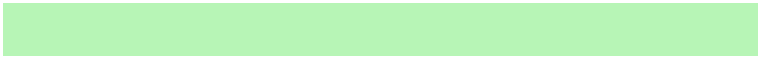
B7F5B6



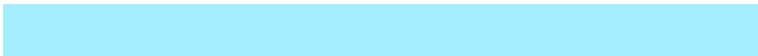
8AFADA

Triad

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



B7F5B6



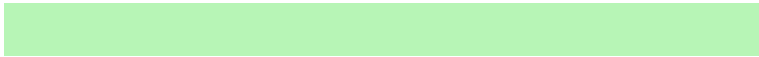
A4ECFF



FFCACB

Complementary

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



B7F5B6



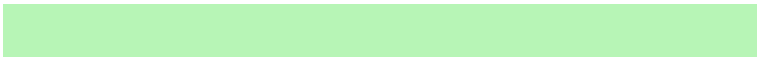
F4B6F5

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.



FFCAF1



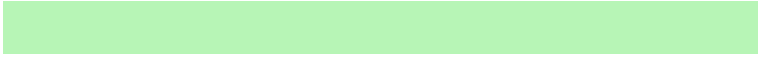
B7F5B6



DDFFFF

Square

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



B7F5B6



72F5FF



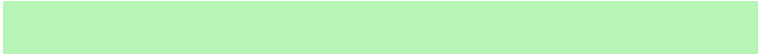
FFD2FF



FFD3AB

Rectangle

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



B7F5B6



71FAF4



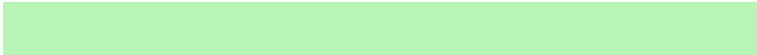
FFD2FF



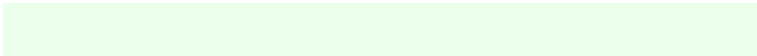
FFC9D7

Sweetspot

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



B7F5B6



EBFFEB



F5F4B6



738073



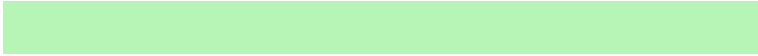
000000



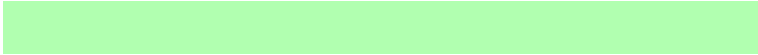
808080

Same Dimension

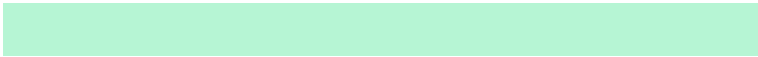
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B7F5B6



B1FFB0



B6F5D4



6E7A6E



03BA00



013B00

Inverse Universe

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



F4B6F5



FEB0FF



F5B6D7



7A6E7A



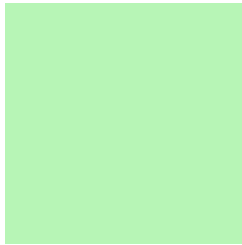
B700BA



3A003B

Previews

White Background



This preview shows how the Hex color B7F5B6 looks on a white background.

Color Contrast Check

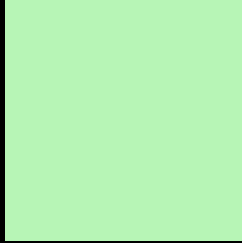
Large Text (above 18pt) WCAG AA × Fail

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 B7F5B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

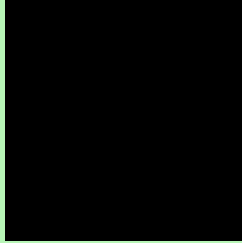
Any Text WCAG AA ✓ Pass

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 B7F5B6 Background



This preview shows how black text looks on a background with the Hex color B7F5B6.

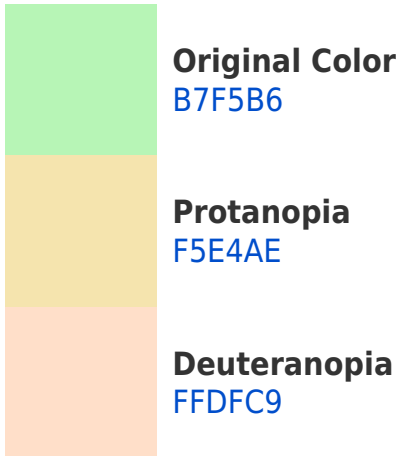


This preview shows how white text looks on a background with the Hex color B7F5B6.

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
C4EBFE

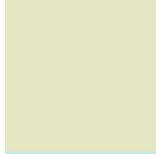
Trichromacy



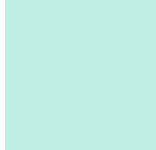
Original Color
B7F5B6



Protanomaly
DEEAB1

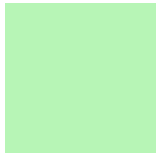


Deuteranomaly
E5E7C2

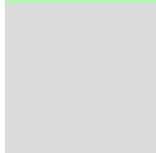


Tritanomaly
BFEFE4

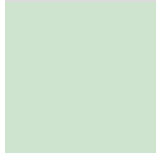
Monochromacy



Original Color
B7F5B6



Achromatopsia
DBDBDB



Achromatomaly
CEE4CE

CSS Examples

Text

The CSS property to change the color of the text to Hex B7F5B6 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 #B7F5B6 looks like.

```
.text, #text, p{  
    color:#B7F5B6  
}
```

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 #B7F5B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7F5B6
}
```

Border

The CSS property to change the border of an element to Hex B7F5B6 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
#B7F5B6 }
```

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

```
.border{ border-color:#B7F5B6 }
```

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

Here you see how a box with a 4 pixel #B7F5B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7F5B6; -webkit-box-shadow:4px 4px  
4px 4px #B7F5B6; box-shadow:4px 4px 4px  
4px #B7F5B6 }
```

Background

The CSS property to change the background color of an element to Hex B7F5B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7F5B6 }
```

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

```
.background{ background-color:#B7F5B6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor