

Converting Colors

Hex(B1FCA9)

Have a look what the booklet for
Hex(B1FCA9) contains.

Hex(B1FCA9)	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(B1FCA9)

Conversions

Conversions Part 1

Format	Color
Hex	B1FCA9
RGB	177, 252, 169
RGB Percent	69%, 99%, 66%
CMY	0.3059, 0.0118, 0.3373
CMYK	0.30, 0.00, 0.33, 0.01
HSL	114°, 93%, 83%
HSV	114°, 33%, 99%
XYZ	60.1033, 81.8325, 50.1636
YIQ	220.1130, -18.0570, -41.7130

Conversions

Conversions Part 2

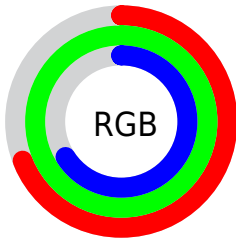
Format	Color
RYB	169, 252, 244
Decimal	11664553
CIELab	92.50, -38.51, 32.60
CIELCh	93, 50.459, 139.751
Yxy	81.8325, 0.3129, 0.4260
Android (android.graphics.Color)	4289854633 (0xFFB1FCA9)
YUV	220.1130, -25.1987, -37.8101
Hunter-Lab	90.4613, -39.7103, 30.4448

Details

The Hex color **B1FCA9** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **F4A9FC**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **EAFFE1**, and **7AC374** is the 20% darker color. If you saturate the color by 10%, you get **9AFC90**, and if you desaturate by 10%, it is **C8FCC2**.

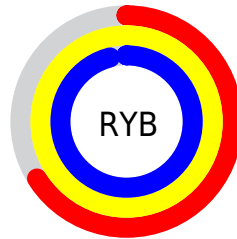
Distribution



Red (69%)

Green (99%)

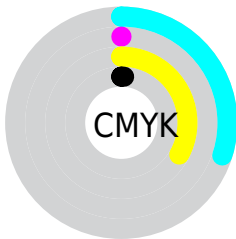
Blue (66%)



Red (66%)

Yellow (99%)

Blue (96%)

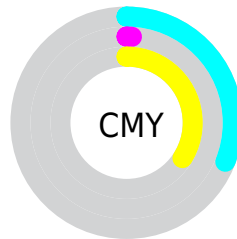


Cyan (30%)

Magenta (0%)

Yellow (33%)

Black (1%)



Cyan (31%)

Magenta (1%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1FCA9 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 B1FCA9 by changing the saturation by 10% instead.

 B1FCA9

FFFFFF

 EAFFE1

FFFFFFE

 B1FCA9

 95DF8E

 7AC374

 5FA75B

 448D42

 28732B

 035A13

 004100

 002B00

 001000

 B1FCA9

 B1FCA9

 9AFC90

 C8FCC2

 83FC77

 DFFCDB

 6DFC5D

 F5FCF5

 56FC44

 FFFCFF

 3FFC2B

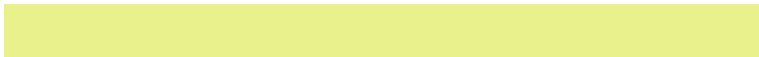
 28FC12

 18FC00

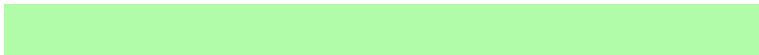
Harmonies

Analogous

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



E9F18C



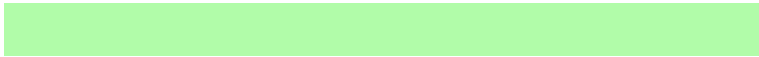
B1FCA9



6FFFD7

Triad

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



B1FCA9



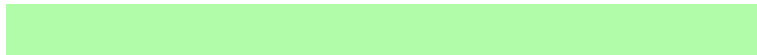
81F3FF



FFC5CB

Complementary

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



B1FCA9



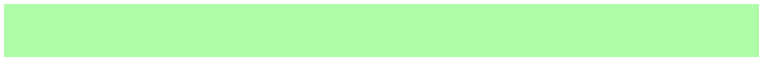
F4A9FC

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.



FFC5FC



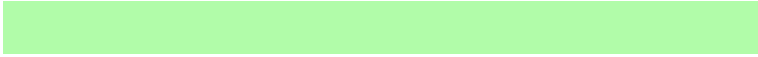
B1FCA9



D6E3FF

Square

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



B1FCA9



00FEFF



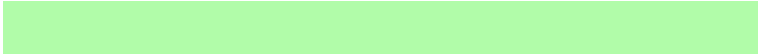
FFD1FF



FFD0A1

Rectangle

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



B1FCA9



33FFF8



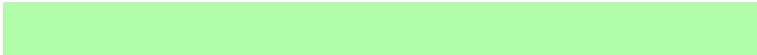
FFD1FF



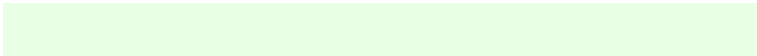
FFC3DB

Sweetspot

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



B1FCA9



E8FFE6



FCF4A9



728070



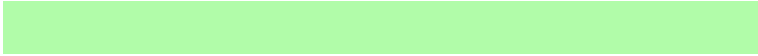
000000



808080

Same Dimension

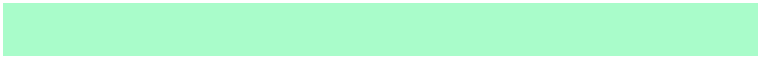
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1FCA9



A3FF99



A9FCCA



727D70



12BD00



063D00

Inverse Universe

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



F4A9FC



F599FF



FCA9DB



7C707D



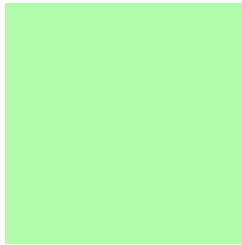
AB00BD



37003D

Previews

White Background



This preview shows how the Hex color B1FCA9 looks on a white background.

Color Contrast Check

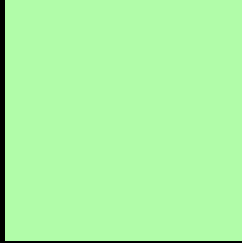
Large Text (above 18pt) WCAG AA × Fail

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 B1FCA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

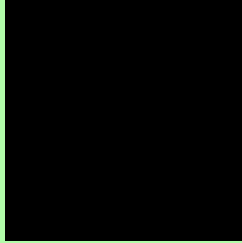
Any Text WCAG AA ✓ Pass

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 B1FCA9 Background



This preview shows how black text looks on a background with the Hex color B1FCA9.

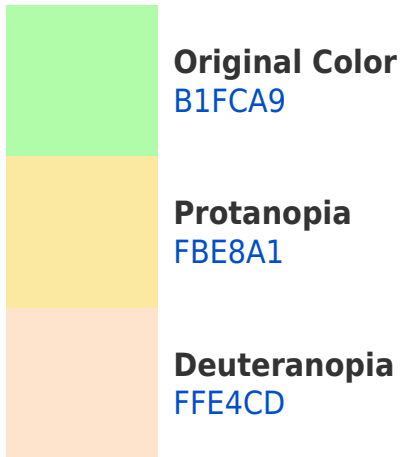


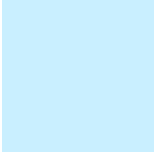
This preview shows how white text looks on a background with the Hex color B1FCA9.

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



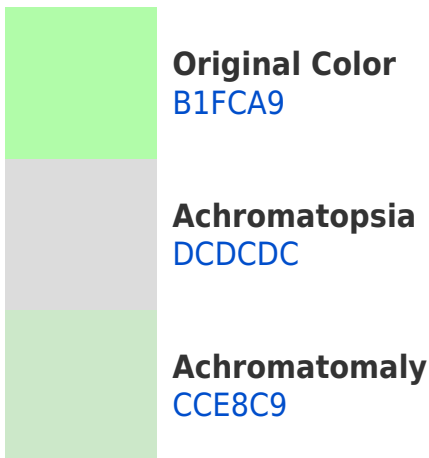


Tritanopia
C9EFFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1FCA9 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 #B1FCA9 looks like.

```
.text, #text, p{  
    color:#B1FCA9  
}
```

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 #B1FCA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1FCA9
}
```

Border

The CSS property to change the border of an element to Hex B1FCA9 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
#B1FCA9 }
```

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

```
.border{ border-color:#B1FCA9 }
```

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

Here you see how a box with a 4 pixel #B1FCA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1FCA9; -webkit-box-shadow:4px 4px  
4px 4px #B1FCA9; box-shadow:4px 4px 4px  
4px #B1FCA9 }
```

Background

The CSS property to change the background color of an element to Hex B1FCA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1FCA9 }
```

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

```
.background{ background-color:#B1FCA9 }
```

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