

Converting Colors

Hex(B7F49B)

Have a look what the booklet for
Hex(B7F49B) contains.

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Color

Hex(B7F49B)

Conversions

Conversions Part 1

Format	Color
Hex	B7F49B
RGB	183, 244, 155
RGB Percent	72%, 96%, 61%
CMY	0.2824, 0.0431, 0.3922
CMYK	0.25, 0.00, 0.36, 0.04
HSL	101°, 80%, 78%
HSV	101°, 36%, 96%
XYZ	57.7955, 77.1352, 42.8528
YIQ	215.6150, -7.7870, -40.6110

Conversions

Conversions Part 2

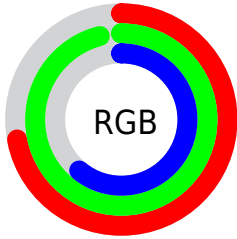
Format	Color
RYB	155, 244, 216
Decimal	12055707
CIELab	90.38, -34.95, 36.85
CIELCh	90, 50.792, 133.483
Yxy	77.1352, 0.3251, 0.4339
Android (android.graphics.Color)	4290245787 (0xFFB7F49B)
YUV	215.6150, -29.8832, -28.6034
Hunter-Lab	87.8267, -36.2323, 32.5496

Details

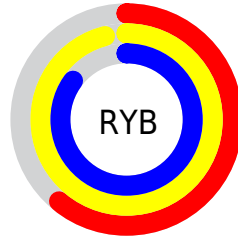
The Hex color **B7F49B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D89BF4**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **F0FFD2**, and **80BB67** is the 20% darker color. If you saturate the color by 10%, you get **A6F483**, and if you desaturate by 10%, it is **C8F4B3**.

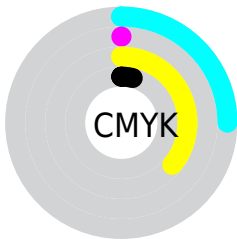
Distribution



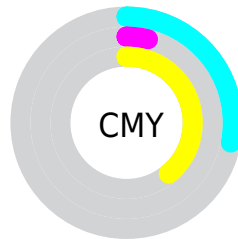
- Red (72%)
- Green (96%)
- Blue (61%)



- Red (61%)
- Yellow (96%)
- Blue (85%)



- Cyan (25%)
- Magenta (0%)
- Yellow (36%)
- Black (4%)



- Cyan (28%)
- Magenta (4%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7F49B 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 B7F49B by changing the saturation by 10% instead.

 B7F49B

 B7F49B

FFFFFF

 9BD780


 F0FFD2

 80BB67

 FFFFEF

 65A04E

 4B8635

 316C1D

 145301

 003C00

 002600

 000300

 B7F49B

 B7F49B

 A6F483

 C8F4B3

 96F46A

 D8F4CC

 85F452

 E9F4E4

 74F439

 FAF4FD

 63F421

 FFF4FF

 53F409

 4DF400

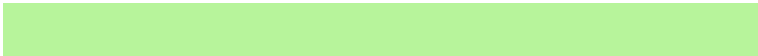
Harmonies

Analogous

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



EDE883



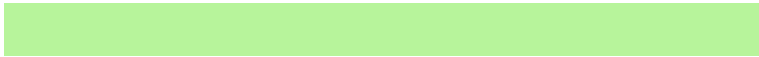
B7F49B



77FBC6

Triad

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



B7F49B



63F0FF



FFBDCF

Complementary

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



B7F49B



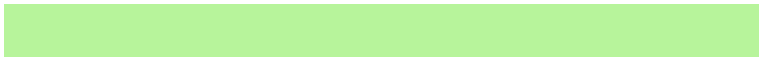
D89BF4

Split Complementary

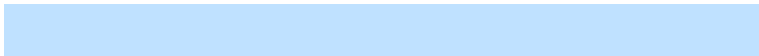
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC0FF



B7F49B



BFE1FF

Square

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



B7F49B



00FAFF



FFCFFF



FFC7A3

Rectangle

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



B7F49B



3CFDE8



FFCFFF



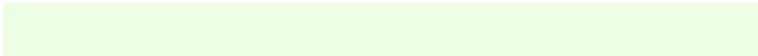
FFBDE0

Sweetspot

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



B7F49B



ECFFE3



F4D89B



74806F



000000



808080

Same Dimension

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



B7F49B



B2FF8F



9BF4AB



727A6E



3BBA00



123B00

Inverse Universe

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



D89BF4



DC8FFF



F49BE4



776E7A



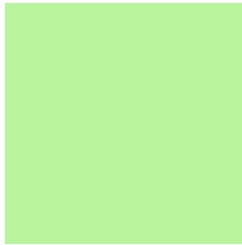
8000BA



28003B

Previews

White Background



This preview shows how the Hex color B7F49B looks on a white background.

Color Contrast Check

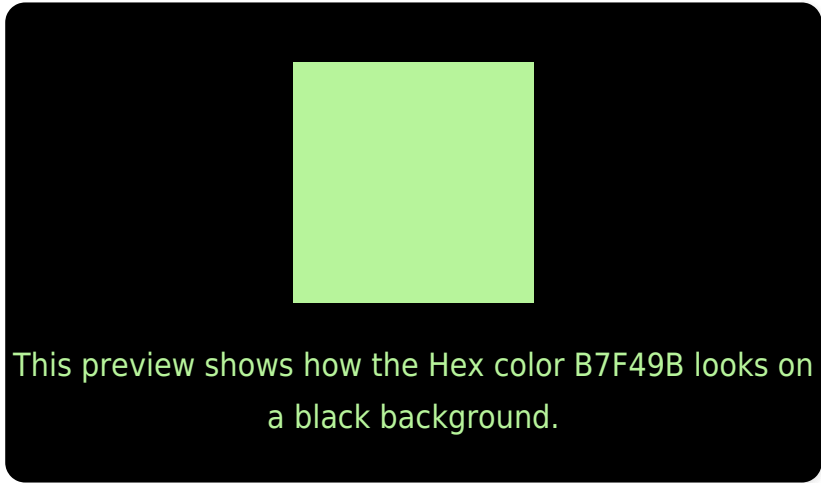
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

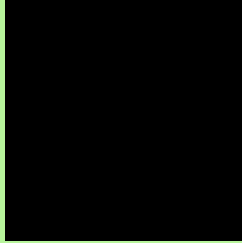
Any Text WCAG AA ✓ Pass

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 B7F49B Background



This preview shows how black text looks on a background with the Hex color B7F49B.

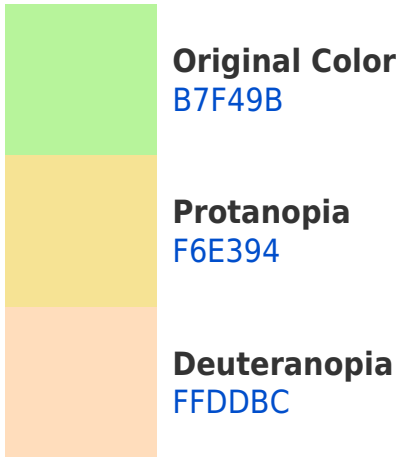


This preview shows how white text looks on a background with the Hex color B7F49B.

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



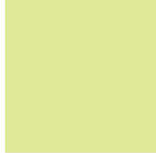


Tritanopia
C6E8FB

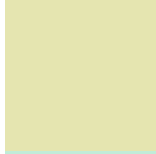
Trichromacy



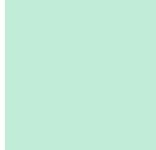
Original Color
B7F49B



Protanomaly
DFE997

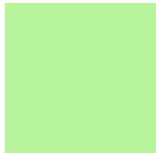


Deuteranomaly
E5E5B0

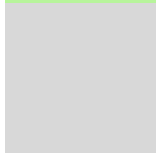


Tritanomaly
C1ECD8

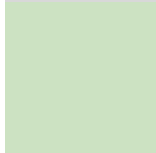
Monochromacy



Original Color
B7F49B



Achromatopsia
D8D8D8



Achromatomaly
CCE2C2

CSS Examples

Text

The CSS property to change the color of the text to Hex B7F49B 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 #B7F49B looks like.

```
.text, #text, p{  
    color:#B7F49B  
}
```

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 #B7F49B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7F49B
}
```

Border

The CSS property to change the border of an element to Hex B7F49B 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
#B7F49B }
```

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

```
.border{ border-color:#B7F49B }
```

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

Here you see how a box with a 4 pixel #B7F49B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7F49B; -webkit-box-shadow:4px 4px  
4px 4px #B7F49B; box-shadow:4px 4px 4px  
4px #B7F49B }
```

Background

The CSS property to change the background color of an element to Hex B7F49B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7F49B }
```

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

```
.background{ background-color:#B7F49B }
```

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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