

# Converting Colors

Hex(BFFFA9)

Have a look what the booklet for  
Hex(BFFFA9) contains.

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# Color

**Hex(BFFFA9)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | BFFFA9                       |
| RGB         | 191, 255, 169                |
| RGB Percent | 75%, 100%, 66%               |
| CMY         | 0.2510, 0.0000, 0.3373       |
| CMYK        | 0.25, 0.00, 0.34, 0.00       |
| HSL         | 105°, 100%, 83%              |
| HSV         | 105°, 34%, 100%              |
| XYZ         | 64.4073, 85.4609, 50.6371    |
| YIQ         | 226.0600, -10.5380, -40.3140 |

# Conversions

## Conversions Part 2

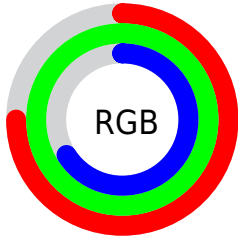
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 169, 255, 233                   |
| Decimal                             | 12582825                        |
| CIELab                              | 94.08, -35.32, 34.84            |
| CIElCh                              | 94, 49.611, 135.386             |
| Yxy                                 | 85.4609, 0.3212,<br>0.4262      |
| Android<br>(android.graphics.Color) | 4290772905<br>(0xFFBFFFA9)      |
| YUV                                 | 226.0600, -28.1306,<br>-30.7476 |
| Hunter-Lab                          | 92.4451, -37.4164,<br>32.2353   |

# Details

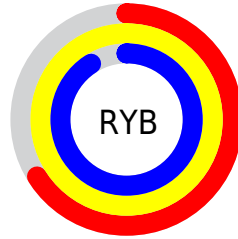
The Hex color **BFFFA9** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **E9A9FF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **F9FFE1**, and **88C674** is the 20% darker color. If you saturate the color by 10%, you get **ACFF90**, and if you desaturate by 10%, it is **D2FFC3**.

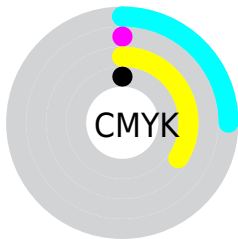
# Distribution



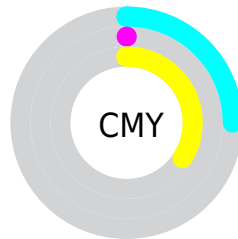
- Red (75%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFFFA9 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 BFFFA9 by changing the saturation by 10% instead.



 BFFFA9

FFFFFF

 F9FFE1

FFFFFFE

 BFFFA9

 A3E28E

 88C674

 6DAA5B

 539042

 38762A

 1D5D11

 004400

 002D00

 001700

 BFFFA9

 BFFFA9

 ACFF90

 D2FFC3

 99FF76

 E5FFDC

 86FF5D

 F8FFF6

 73FF43

FFFFFF

 60FF2A

 4DFF10

 41FF00

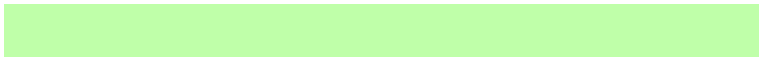
# Harmonies

## Analogous

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



F5F390



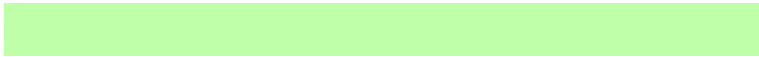
BFFFA9



81FFD4

# Triad

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



BFFFA9



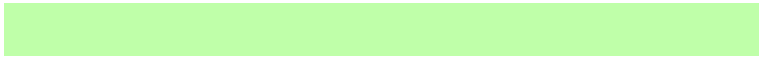
7CFAFF



FFC9D7

# Complementary

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



BFFFA9



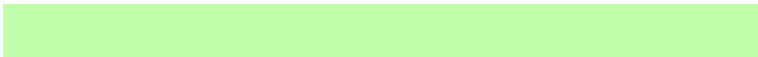
E9A9FF

# Split Complementary

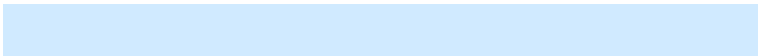
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCBFF



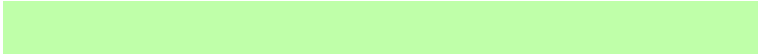
BFFFA9



DOEAFB

# Square

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



BFFFA9



12FFFF



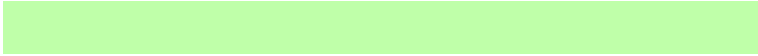
FFD9FF



FFD3AC

# Rectangle

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



BFFFA9



50FFF5



FFD9FF

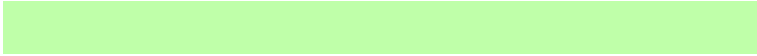


FFC8E7

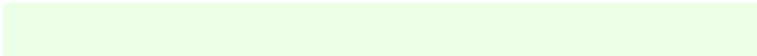


# Sweetspot

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



BFFFA9



ECFFE6



FFE8A9



748070



000000

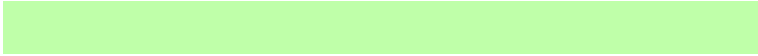


808080

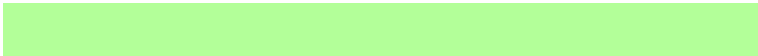


# Same Dimension

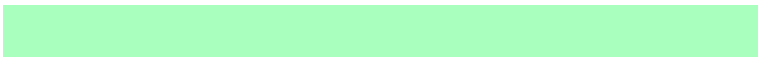
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BFFFA9



B3FF99



A9FFBD



768073



31BF00



104000



# Inverse Universe

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



E9A9FF



E599FF



FFA9EB



7C7380



8E00BF

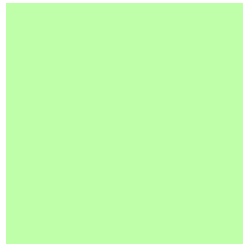


2F0040



# Previews

## White Background



This preview shows how the Hex color BFFFA9 looks on a white background.

## Color Contrast Check

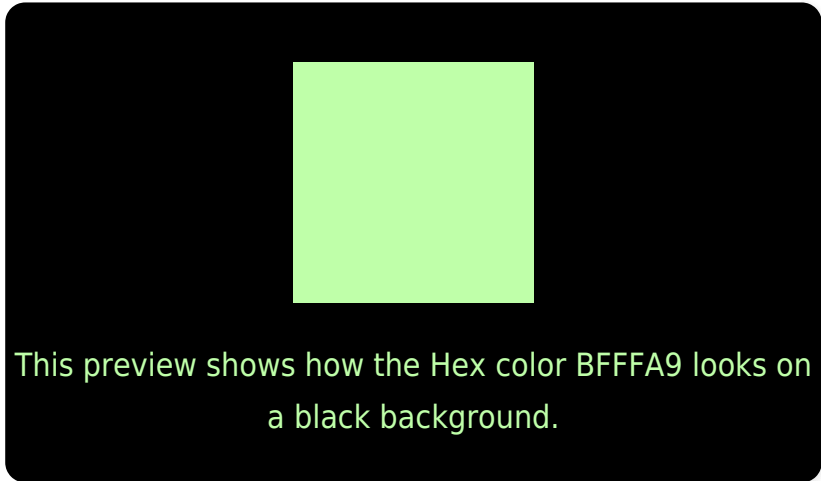
Large Text (above 18pt) WCAG AA × Fail

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

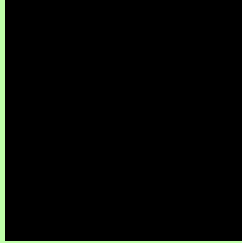
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

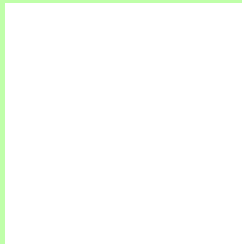
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BFFFA9 Background



This preview shows how black text looks on a background with the Hex color BFFFA9.

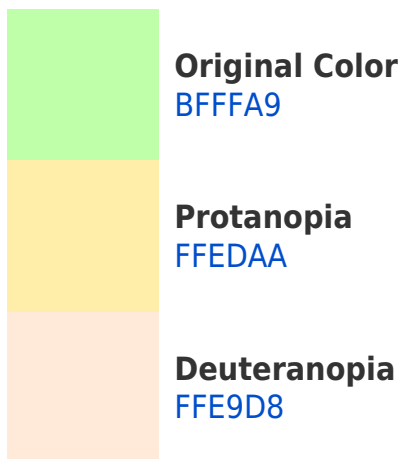


This preview shows how white text looks on a background with the Hex color BFFFA9.

# 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](#).

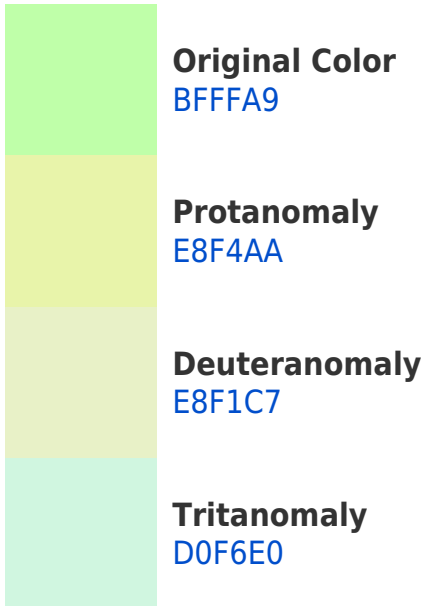
## Dichromacy



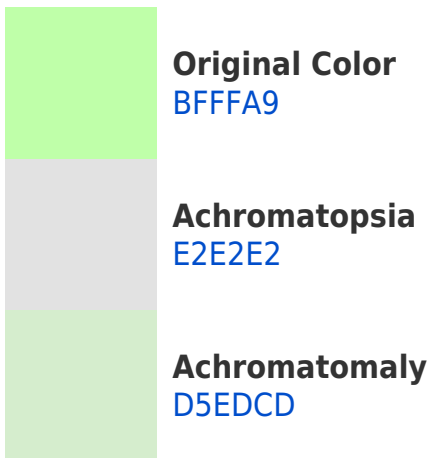


**Tritanopia**  
D9F1FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFFFA9 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 #BFFFA9 looks like.

```
.text, #text, p{  
    color:#BFFFA9  
}
```

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 #BFFFA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFFFA9
}
```

## Border

The CSS property to change the border of an element to Hex BFFFA9 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
#BFFFA9 }
```

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

```
.border{ border-color:#BFFFA9 }
```

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

Here you see how a box with a 4 pixel #BFFFA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFFFA9; -webkit-box-shadow:4px 4px  
4px 4px #BFFFA9; box-shadow:4px 4px 4px  
4px #BFFFA9 }
```

# Background

The CSS property to change the background color of an element to Hex BFFFA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFFFA9 }
```

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

```
.background{ background-color:#BFFFA9 }
```

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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