

# Converting Colors

Hex(B0F9A4)

Have a look what the booklet for  
Hex(B0F9A4) contains.

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# **Color**

**Hex(B0F9A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0F9A4
RGB	176, 249, 164
RGB Percent	69%, 98%, 64%
CMY	0.3098, 0.0235, 0.3569
CMYK	0.29, 0.00, 0.34, 0.02
HSL	112°, 88%, 81%
HSV	112°, 34%, 98%
XYZ	58.4810, 79.6618, 47.4160
YIQ	217.4830, -16.2230, -41.9110

# Conversions

## Conversions Part 2

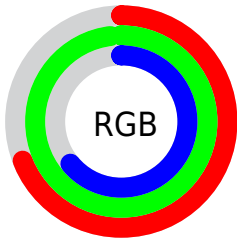
Format	Color
<a href="#">RYB</a>	<a href="#">164, 249, 237</a>
Decimal	<a href="#">11598244</a>
CIELab	<a href="#">91.53, -38.24, 33.81</a>
CIELCh	<a href="#">92, 51.038, 138.519</a>
Yxy	<a href="#">79.6618, 0.3152, 0.4293</a>
Android (android.graphics.Color)	<a href="#">4289788324 (0xFFB0F9A4)</a>
YUV	<a href="#">217.4830, -26.3671, -36.3806</a>
Hunter-Lab	<a href="#">89.2535, -39.2361, 30.9796</a>

# Details

The Hex color **B0F9A4** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **EDA4F9**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **E9FFDC**, and **79C06F** is the 20% darker color. If you saturate the color by 10%, you get **9BF98B**, and if you desaturate by 10%, it is **C5F9BD**.

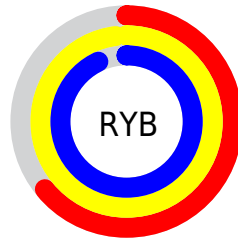
# Distribution



Red (69%)

Green (98%)

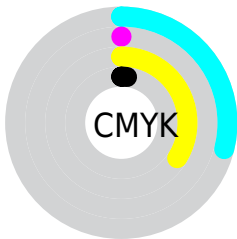
Blue (64%)



Red (64%)

Yellow (98%)

Blue (93%)

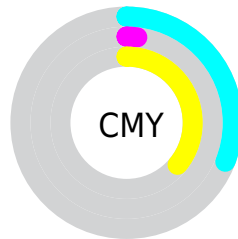


Cyan (29%)

Magenta (0%)

Yellow (34%)

Black (2%)



Cyan (31%)

Magenta (2%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0F9A4 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 B0F9A4 by changing the saturation by 10% instead.



 B0F9A4

 B0F9A4

FFFFFF

 94DC89

 E9FFDC

 79C06F

 FFFFF8

 5EA556

 438A3E

 287026

 02570D

 003F00

 002900

 000A00

 B0F9A4

 B0F9A4

 9BF98B

 C5F9BD

 85F972

 DBF9D6

 70F959

 F0F9EF

 5AF940

 FFF9FF

 45F928

 30F90F

 23F900

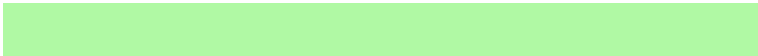
# Harmonies

## Analogous

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



E8ED88



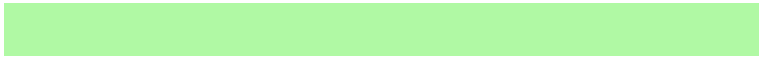
B0F9A4



6DFFD2

# Triad

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



B0F9A4



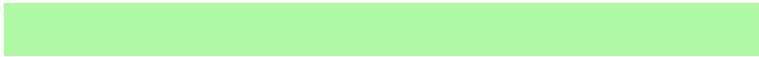
77F1FF



FFC1CA

# Complementary

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



B0F9A4



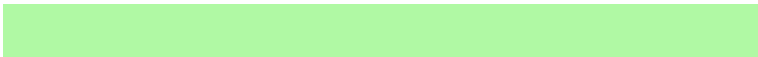
EDA4F9

# 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.



FFC2FC



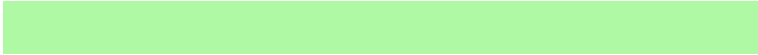
B0F9A4



DOE1FF

# Square

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



B0F9A4



00FCFF



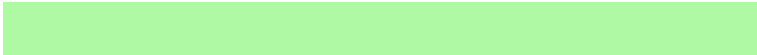
FFCFFF



FFCC9F

# Rectangle

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



B0F9A4



2BFFF4



FFCFFF

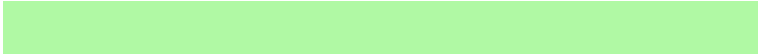


FFC0DA



# Sweetspot

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



B0F9A4



E9FFE6



F9ECA4



728070



000000

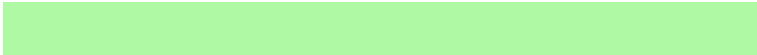


808080

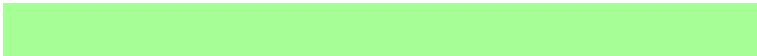


# Same Dimension

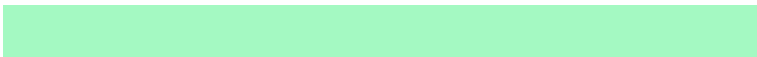
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B0F9A4



A5FF96



A4F9C2



727D70



1BBD00



093D00



# Inverse Universe

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



EDA4F9



F096FF



F9A4DB



7B707D



A200BD

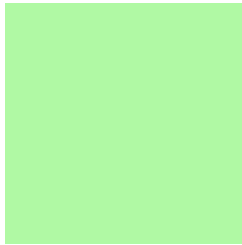


35003D



# Previews

## White Background



This preview shows how the Hex color B0F9A4 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 B0F9A4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

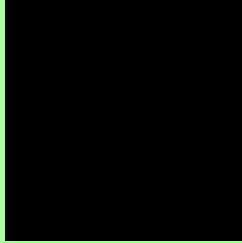
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0F9A4 Background



This preview shows how black text looks on a background with the Hex color B0F9A4.

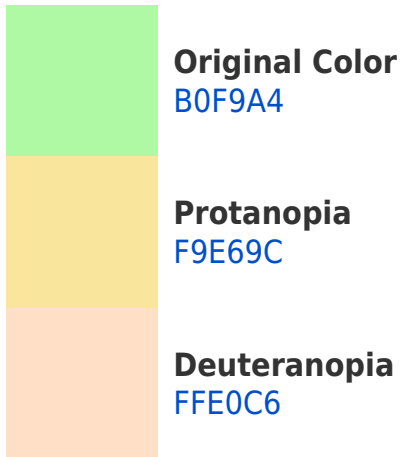


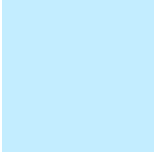
This preview shows how white text looks on a background with the Hex color B0F9A4.

# 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



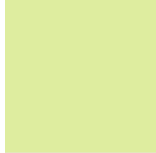


**Tritanopia**  
C3EDFF

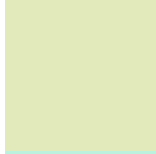
# Trichromacy



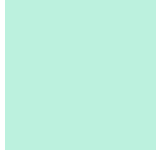
**Original Color**  
B0F9A4



**Protanomaly**  
DEED9F

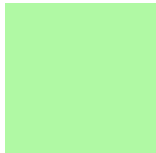


**Deuteranomaly**  
E2E9BA

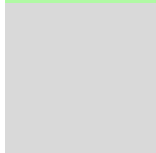


**Tritanomaly**  
BCF1DE

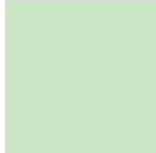
# Monochromacy



**Original Color**  
B0F9A4



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
CAE5C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0F9A4 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 #B0F9A4 looks like.

```
.text, #text, p{  
    color:#B0F9A4  
}
```

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 #B0F9A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0F9A4
}
```

## Border

The CSS property to change the border of an element to Hex B0F9A4 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
#B0F9A4 }
```

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

```
.border{ border-color:#B0F9A4 }
```

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

Here you see how a box with a 4 pixel #B0F9A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0F9A4; -webkit-box-shadow:4px 4px  
4px 4px #B0F9A4; box-shadow:4px 4px 4px  
4px #B0F9A4 }
```

# Background

The CSS property to change the background color of an element to Hex B0F9A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0F9A4 }
```

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

```
.background{ background-color:#B0F9A4 }
```

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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