

# Converting Colors

Hex(F7FFAB)

Have a look what the booklet for  
Hex(F7FFAB) contains.

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# **Color**

**Hex(F7FFAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7FFAB
RGB	247, 255, 171
RGB Percent	97%, 100%, 67%
CMY	0.0314, 0.0000, 0.3294
CMYK	0.03, 0.00, 0.33, 0.00
HSL	66°, 100%, 84%
HSV	66°, 33%, 100%
XYZ	81.4685, 94.2344, 52.4233
YIQ	243.0320, 22.1960, -27.8200

# Conversions

## Conversions Part 2

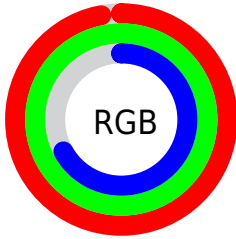
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 255, 179
Decimal	16252843
CIELab	97.73, -15.24, 39.33
CIElCh	98, 42.177, 111.187
Yxy	94.2344, 0.3571, 0.4131
Android (android.graphics.Color)	4294442923 (0xFFFF7FFAB)
YUV	243.0320, -35.5118, 3.4799
Hunter-Lab	97.0744, -20.0764, 35.9336

# Details

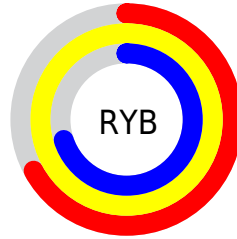
The Hex color **F7FFAB** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **B3ABFF**, and the grayscale version is **F3F3F3**.

A 20% lighter version of the original color is **FFFFE3**, and **BEC676** is the 20% darker color. If you saturate the color by 10%, you get **F5FF92**, and if you desaturate by 10%, it is **F9FFC4**.

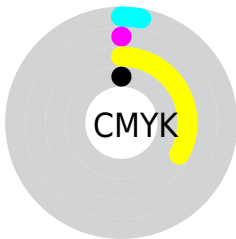
# Distribution



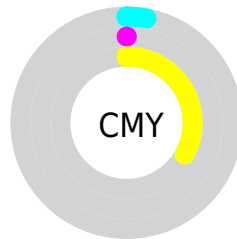
- Red (97%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7FFAB 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 F7FFAB by changing the saturation by 10% instead.



 F7FFAB

 F7FFAB

FFFFFF

 DAE290

 FFFFE3

 BEC676

 A2AB5C

 879143

 6D772B

 535E11

 3A4700

 233000

 041C00

 F7FFAB

 F7FFAB

 F5FF92

 F9FFC4

 F2FF78

 FCFFDE

 F0FF5F

 FEFFF8

 EDFF45

 FFFFFFFF

 EBFF2C

 E8FF12

 E7FF00

# Harmonies

## Analogous

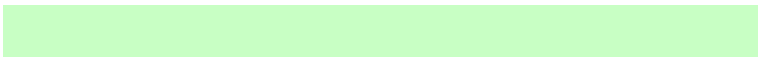
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF2A8



F7FFAB



C8FFC4

# Triad

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



F7FFAB



7AFFFF



FFDBFF

# Complementary

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



F7FFAB



B3ABFF

# 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.



FFE4FF



F7FFAB



AFFFFFF

# Square

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



F7FFAB



72FFFF



EDF2FF



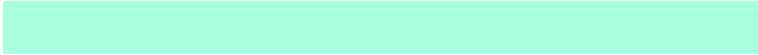
FFDBDD

# Rectangle

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



F7FFAB



A7FFDD



EDF2FF



FFDDFF



# Sweetspot

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



F7FFAB



FDFFE6



FFB2AB



7E8070



000000



808080



# Same Dimension

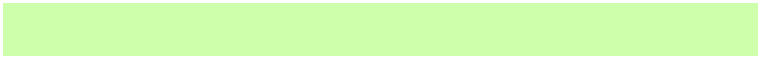
The Same Dimension uses a secret algorithm to generate beautiful new colors.



F7FFAB



F5FF99



CEFFAB



7E8073



ADBF00



3A4000



# Inverse Universe

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



B3ABFF



A399FF



DCABFF



747380



1200BF

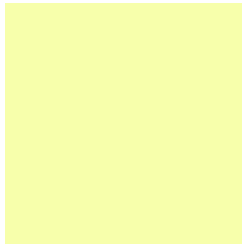


060040



# Previews

## White Background



This preview shows how the Hex color F7FFAB 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 F7FFAB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

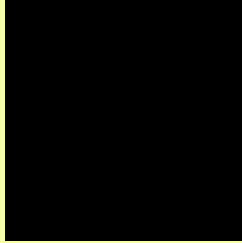
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F7FFAB Background



This preview shows how black text looks on a background with the Hex color F7FFAB.

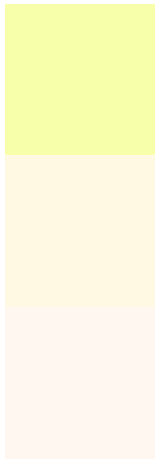


This preview shows how white text looks on a background with the Hex color F7FFAB.

# 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



**Original Color**  
F7FFAB

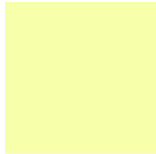
**Protanopia**  
FFF8E3

**Deuteranopia**  
FFF7F0

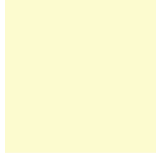


**Tritanopia**  
FDF6FF

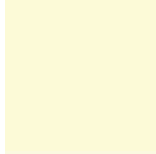
# Trichromacy



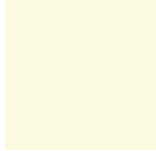
**Original Color**  
F7FFAB



**Protanomaly**  
FCFBCF

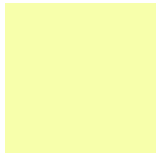


**Deuteranomaly**  
FCFAD7

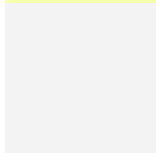


**Tritanomaly**  
FBF9E0

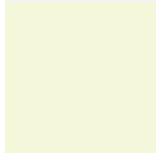
# Monochromacy



**Original Color**  
F7FFAB



**Achromatopsia**  
F3F3F3



**Achromatomaly**  
F4F7D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7FFAB 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 #F7FFAB looks like.

```
.text, #text, p{  
    color:#F7FFAB  
}
```

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 #F7FFAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7FFAB
}
```

## Border

The CSS property to change the border of an element to Hex F7FFAB 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
#F7FFAB }
```

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

```
.border{ border-color:#F7FFAB }
```

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

Here you see how a box with a 4 pixel #F7FFAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7FFAB; -webkit-box-shadow:4px 4px  
4px 4px #F7FFAB; box-shadow:4px 4px 4px  
4px #F7FFAB }
```

# Background

The CSS property to change the background color of an element to Hex F7FFAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7FFAB }
```

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

```
.background{ background-color:#F7FFAB }
```

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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