

# Converting Colors

Hex(F1FFB9)

Have a look what the booklet for  
Hex(F1FFB9) contains.

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# **Color**

**Hex(F1FFB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1FFB9
RGB	241, 255, 185
RGB Percent	95%, 100%, 73%
CMY	0.0549, 0.0000, 0.2745
CMYK	0.05, 0.00, 0.27, 0.00
HSL	72°, 100%, 86%
HSV	72°, 27%, 100%
XYZ	80.7926, 93.7236, 59.7312
YIQ	242.8340, 14.1260, -24.7380

# Conversions

## Conversions Part 2

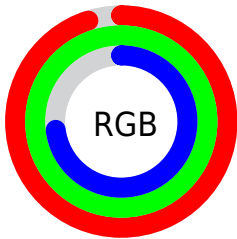
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 255, 199
Decimal	15859641
CIELab	97.52, -15.67, 32.00
CIELCh	98, 35.634, 116.094
Yxy	93.7236, 0.3449, 0.4001
Android (android.graphics.Color)	4294049721 (0xFFFF1FFB9)
YUV	242.8340, -28.5122, -1.6084
Hunter-Lab	96.8109, -20.4537, 31.1864

# Details

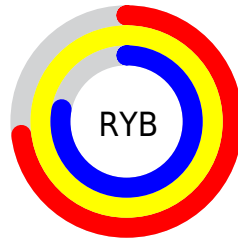
The Hex color **F1FFB9** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **C7B9FF**, and the grayscale version is **F3F3F3**.

A 20% lighter version of the original color is **FFFFFF1**, and **B8C683** is the 20% darker color. If you saturate the color by 10%, you get **ECFFA0**, and if you desaturate by 10%, it is **F6FFD3**.

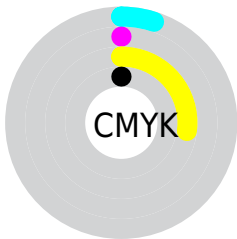
# Distribution



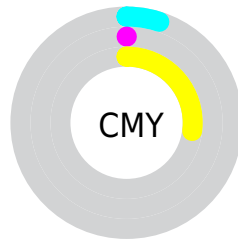
- Red (95%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F1FFB9 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 F1FFB9 by changing the saturation by 10% instead.



 F1FFB9

FFFFFF

 FFFFF1

 F1FFB9

 D4E29E

 B8C683

 9DAB6A


 829051

 687739

 4F5E22

 374609

 213000

 011C00

 F1FFB9

 F1FFB9

 ECFFA0

 F6FFD3

 E7FF86

 FBFFEC

 E2FF6C

FFFFFF

 DDFF53

 D7FF39

 D2FF20

 CDFF07

 CCFF00

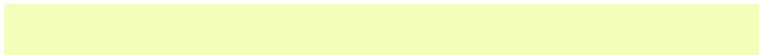
# Harmonies

## Analogous

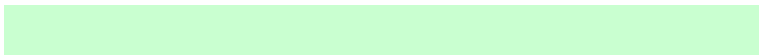
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF4B3



F1FFB9



C9FFD0

# Triad

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



F1FFB9



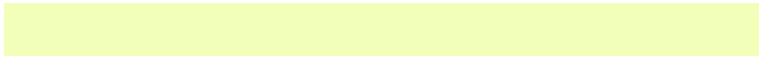
9CFFFF



FFDFFE

# Complementary

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



F1FFB9



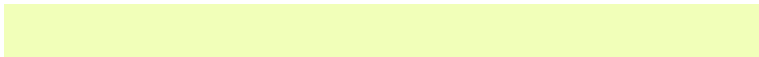
C7B9FF

# 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.



FFE5FF



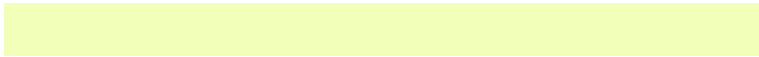
F1FFB9



C6FCFF

# Square

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



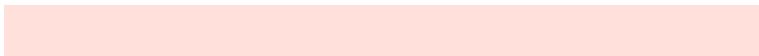
F1FFB9



8FFFFFF



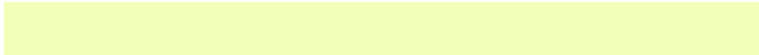
F7F1FF



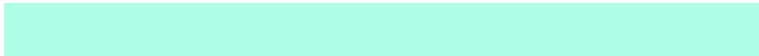
FFE0DB

# Rectangle

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



F1FFB9



AFFFE6



F7F1FF

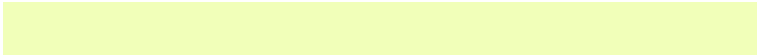


FFE0FF



# Sweetspot

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



F1FFB9



FBFFEB



FFC7B9



7D8073



000000

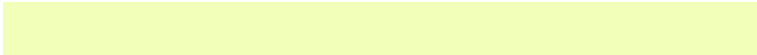


808080

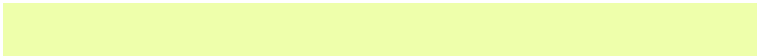


# Same Dimension

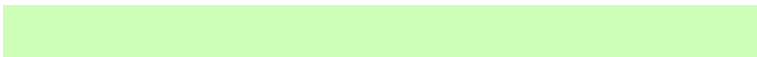
The Same Dimension uses a secret algorithm to generate beautiful new colors.



F1FFB9



EEFFAB



CEFFB9



7D8073



99BF00



334000



# Inverse Universe

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



C7B9FF



BCABFF



EAB9FF



757380



2600BF

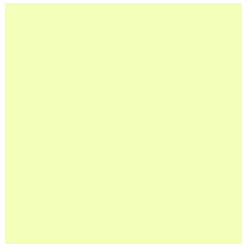


0D0040



# Previews

## White Background



This preview shows how the Hex color F1FFB9 looks on a white background.

## Color Contrast Check

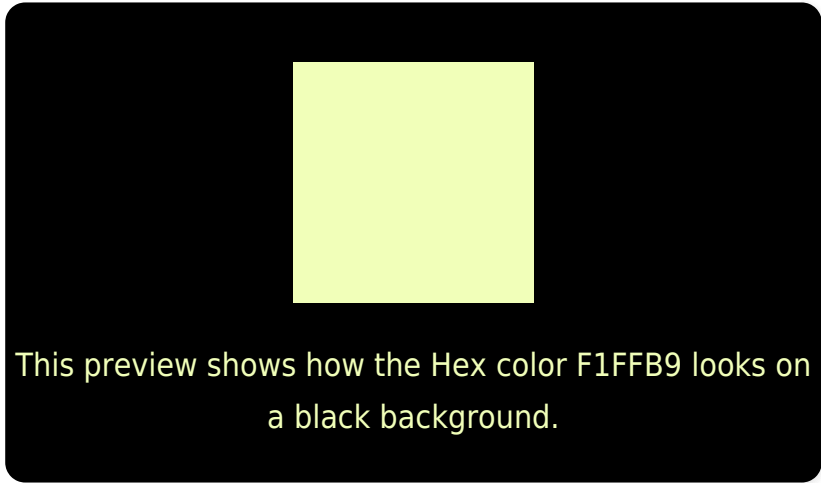
Large Text (above 18pt) WCAG AA × Fail

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

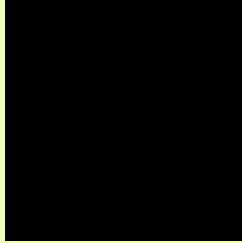
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F1FFB9 Background



This preview shows how black text looks on a background with the Hex color F1FFB9.

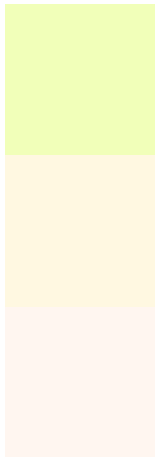


This preview shows how white text looks on a background with the Hex color F1FFB9.

# 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**  
F1FFB9

**Protanopia**  
FFF8E1

**Deuteranopia**  
FFF6F0

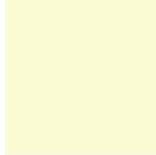


**Tritanopia**  
F9F6FF

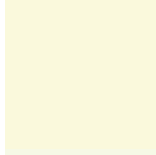
# Trichromacy



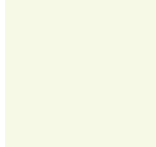
**Original Color**  
F1FFB9



**Protanomaly**  
FAFBD2

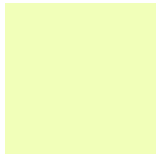


**Deuteranomaly**  
FAF9DC

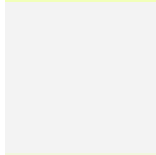


**Tritanomaly**  
F6F9E6

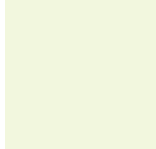
# Monochromacy



**Original Color**  
F1FFB9



**Achromatopsia**  
F3F3F3



**Achromatomaly**  
F2F7DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F1FFB9 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 #F1FFB9 looks like.

```
.text, #text, p{  
    color:#F1FFB9  
}
```

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 #F1FFB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1FFB9
}
```

## Border

The CSS property to change the border of an element to Hex F1FFB9 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
#F1FFB9 }
```

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

```
.border{ border-color:#F1FFB9 }
```

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

Here you see how a box with a 4 pixel #F1FFB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1FFB9; -webkit-box-shadow:4px 4px  
4px 4px #F1FFB9; box-shadow:4px 4px 4px  
4px #F1FFB9 }
```

# Background

The CSS property to change the background color of an element to Hex F1FFB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1FFB9 }
```

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

```
.background{ background-color:#F1FFB9 }
```

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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