

Converting Colors

Hex(F9FFB7)

Have a look what the booklet for
Hex(F9FFB7) contains.

Hex(F9FFB7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F9FFB7)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFB7
RGB	249, 255, 183
RGB Percent	98%, 100%, 72%
CMY	0.0235, 0.0000, 0.2824
CMYK	0.02, 0.00, 0.28, 0.00
HSL	65°, 100%, 86%
HSV	65°, 28%, 100%
XYZ	83.3742, 95.0786, 58.7575
YIQ	244.9980, 19.5360, -23.6640

Conversions

Conversions Part 2

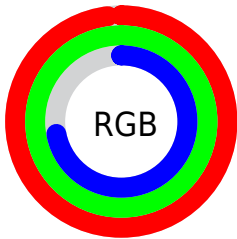
Format	Color
R_{YB}	183, 255, 189
Decimal	16383927
CIE _{Lab}	98.06, -13.03, 33.84
CIE _{LCh}	98, 36.257, 111.059
Yxy	95.0786, 0.3515, 0.4008
Android (android.graphics.Color)	4294574007 (0xFFFF9FFB7)
YUV	244.9980, -30.5650, 3.5098
Hunter-Lab	97.5083, -18.0136, 32.5283

Details

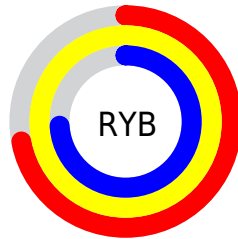
The Hex color **F9FFB7** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **BDB7FF**, and the grayscale version is **F5F5F5**.

A 20% lighter version of the original color is **FFFFFF**, and **C0C681** is the 20% darker color. If you saturate the color by 10%, you get **F7FF9E**, and if you desaturate by 10%, it is **FBFFD1**.

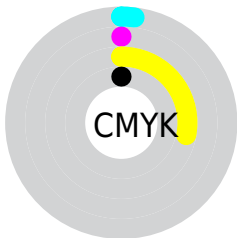
Distribution



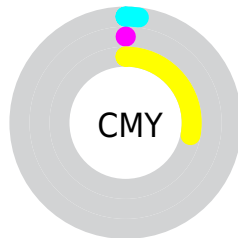
- Red (98%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9FFB7 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 F9FFB7 by changing the saturation by 10% instead.

 F9FFB7

FFFFFF

 FFFFEF

 F9FFB7

 DCE29C

 C0C681

 A4AB68

 89914F

 6F7737

 565E1F

 3D4706

 273000

 0B1C00

 F9FFB7

 F9FFB7

 F7FF9E

 FBFFD1

 F5FF84

 FDFFEA

 F3FF6A

FFFFFF

 F0FF51

 EEFF38

 ECFF1E

 EAFF05

 EAFF00

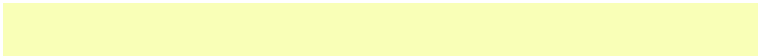
Harmonies

Analogous

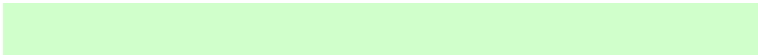
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF4B4



F9FFB7



D1FFCC

Triad

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



F9FFB7



96FFFF



FFE0FF

Complementary

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



F9FFB7



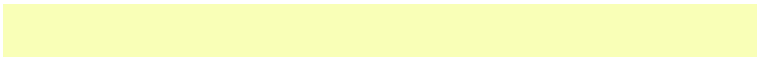
BDB7FF

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.



FFE8FF



F9FFB7



BEFFFF

Square

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



F9FFB7



90FFFF



F0F4FF



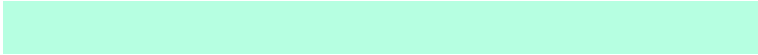
FFE1E2

Rectangle

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



F9FFB7



B6FFE1



F0F4FF



FFE2FF

Sweetspot

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



F9FFB7



FDFFE8



FFBDB7



7E8073



000000



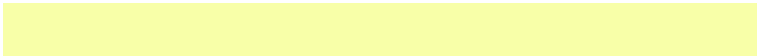
808080

Same Dimension

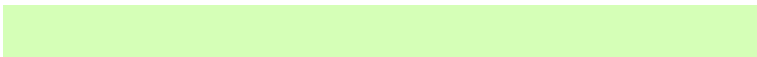
The Same Dimension uses a secret algorithm to generate beautiful new colors.



F9FFB7



F8FFA8



D5FFB7



7E8073



AFBF00



3A4000

Inverse Universe

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



BDB7FF



B0A8FF



E1B7FF



747380



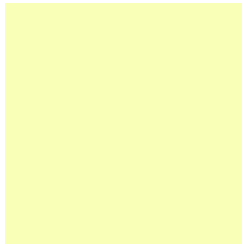
1000BF



050040

Previews

White Background



This preview shows how the Hex color F9FFB7 looks on a white background.

Color Contrast Check

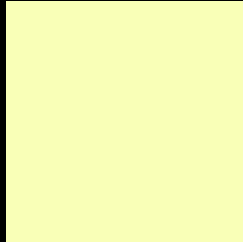
Large Text (above 18pt) WCAG AA × Fail

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 F9FFB7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

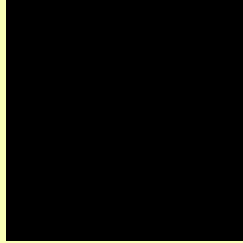
Any Text WCAG AA ✓ Pass

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 F9FFB7 Background



This preview shows how black text looks on a background with the Hex color F9FFB7.

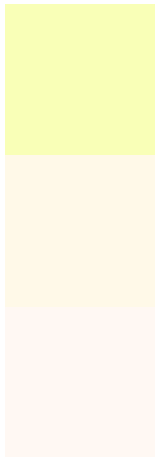


This preview shows how white text looks on a background with the Hex color F9FFB7.

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
F9FFB7

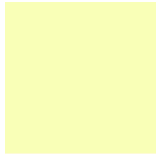
Protanopia
FFF9E8

Deuteranopia
FFF8F3



Tritanopia
FDF7FF

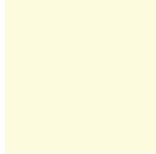
Trichromacy



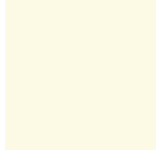
Original Color
F9FFB7



Protanomaly
FDFBD6

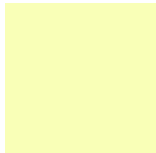


Deuteranomaly
FDFBDD

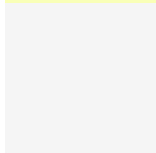


Tritanomaly
FCFAE5

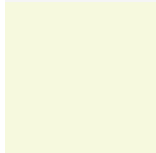
Monochromacy



Original Color
F9FFB7



Achromatopsia
F5F5F5



Achromatomaly
F6F9DE

CSS Examples

Text

The CSS property to change the color of the text to Hex F9FFB7 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 #F9FFB7 looks like.

```
.text, #text, p{  
    color:#F9FFB7  
}
```

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 #F9FFB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9FFB7
}
```

Border

The CSS property to change the border of an element to Hex F9FFB7 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
#F9FFB7 }
```

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

```
.border{ border-color:#F9FFB7 }
```

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

Here you see how a box with a 4 pixel #F9FFB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9FFB7; -webkit-box-shadow:4px 4px  
4px 4px #F9FFB7; box-shadow:4px 4px 4px  
4px #F9FFB7 }
```

Background

The CSS property to change the background color of an element to Hex F9FFB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9FFB7 }
```

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

```
.background{ background-color:#F9FFB7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor