

Converting Colors

Hex(F5FF9F)

Have a look what the booklet for
Hex(F5FF9F) contains.

Hex(F5FF9F)	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(F5FF9F)

Conversions

Conversions Part 1

Format	Color
Hex	F5FF9F
RGB	245, 255, 159
RGB Percent	96%, 100%, 62%
CMY	0.0392, 0.0000, 0.3765
CMYK	0.04, 0.00, 0.38, 0.00
HSL	66°, 100%, 81%
HSV	66°, 38%, 100%
XYZ	79.6742, 93.4357, 46.6365
YIQ	241.0660, 24.8560, -31.9760

Conversions

Conversions Part 2

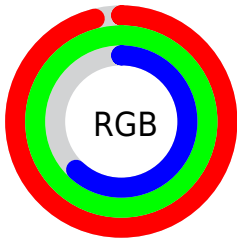
Format	Color
R _Y B	159, 255, 169
Decimal	16121759
CIE Lab	97.40, -17.37, 44.76
CIE LCh	97, 48.016, 111.205
Yxy	93.4357, 0.3626, 0.4252
Android (android.graphics.Color)	4294311839 (0xFF5FF9F)
YUV	241.0660, -40.4585, 3.4501
Hunter-Lab	96.6621, -22.0293, 39.0579

Details

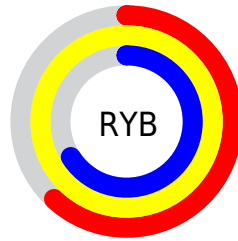
The Hex color **F5FF9F** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **A99FFF**, and the grayscale version is **F1F1F1**.

A 20% lighter version of the original color is **FFFFD7**, and **BBC66A** is the 20% darker color. If you saturate the color by 10%, you get **F2FF85**, and if you desaturate by 10%, it is **F8FFB9**.

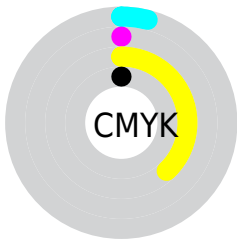
Distribution



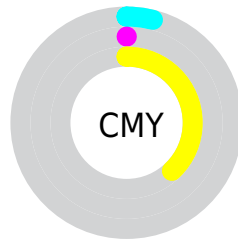
- Red (96%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (66%)



- Cyan (4%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5FF9F 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 F5FF9F by changing the saturation by 10% instead.

 F5FF9F

 F5FF9F

FFFFFF

 D8E284

 FFFFD7

 BBC66A

 FFFFF4

 A0AB50

 849137

 6A771D

 505E00

 384700

 1E3000

 001C00

 F5FF9F

 F5FF9F

 F2FF85

 F8FFB9

 F0FF6C

 FAFFD2

 EDFF52

 FDF FEC

 EAFF39

FFFFFF

 E8FF1F

 E5FF06

 E4FF00

Harmonies

Analogous

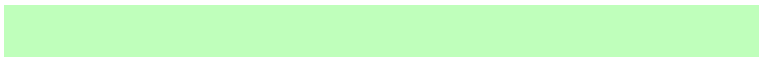
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF09B



F5FF9F



BFFFBB

Triad

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



F5FF9F



52FFFF



FFD5FF

Complementary

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



F5FF9F



A99FFF

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.



FFE0FF



F5FF9F



9EFFFF

Square

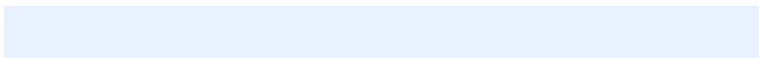
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F5FF9F



49FFFF



E9F1FF



FFD5D8

Rectangle

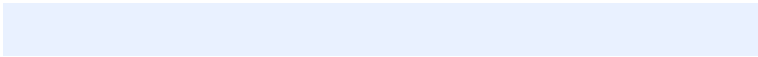
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5FF9F



98FFD8



E9F1FF



FFD7FF

Sweetspot

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



F5FF9F



FCFFE3



FFA99F



7E806F



000000



808080

Same Dimension

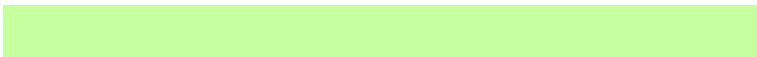
The Same Dimension uses a secret algorithm to generate beautiful new colors.



F5FF9F



F3FF8C



C5FF9F



7E8073



ABBF00



394000

Inverse Universe

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



A99FFF



988CFF



D99FFF



747380



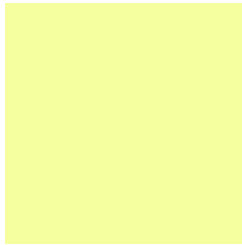
1400BF



070040

Previews

White Background



This preview shows how the Hex color F5FF9F looks on a white background.

Color Contrast Check

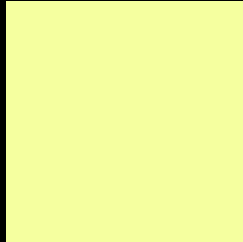
Large Text (above 18pt) WCAG AA × Fail

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 F5FF9F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

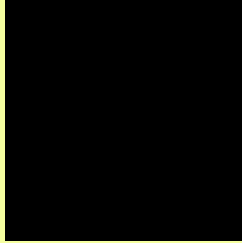
Any Text WCAG AA ✓ Pass

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 F5FF9F Background



This preview shows how black text looks on a background with the Hex color F5FF9F.

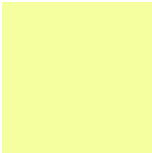
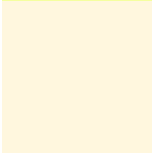
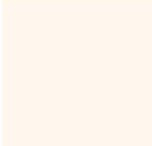


This preview shows how white text looks on a background with the Hex color F5FF9F.

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](#).

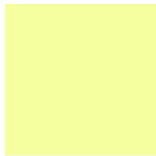
Dichromacy

	Original Color F5FF9F
	Protanopia FFF7DE
	Deuteranopia FFF6EE

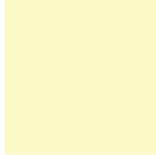


Tritanopia
FDF5FF

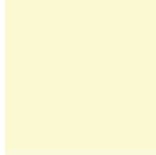
Trichromacy



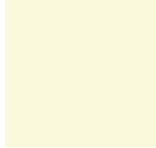
Original Color
F5FF9F



Protanomaly
FBFAC7

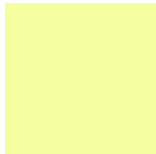


Deuteranomaly
FBF9D1

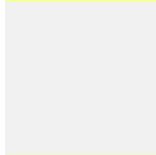


Tritanomaly
FAF9DC

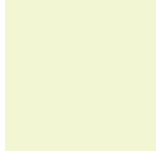
Monochromacy



Original Color
F5FF9F



Achromatopsia
F1F1F1



Achromatomaly
F2F6D3

CSS Examples

Text

The CSS property to change the color of the text to Hex F5FF9F 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 #F5FF9F looks like.

```
.text, #text, p{  
    color:#F5FF9F  
}
```

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 #F5FF9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5FF9F
}
```

Border

The CSS property to change the border of an element to Hex F5FF9F 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
#F5FF9F }
```

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

```
.border{ border-color:#F5FF9F }
```

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

Here you see how a box with a 4 pixel #F5FF9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5FF9F; -webkit-box-shadow:4px 4px  
4px 4px #F5FF9F; box-shadow:4px 4px 4px  
4px #F5FF9F }
```

Background

The CSS property to change the background color of an element to Hex F5FF9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5FF9F }
```

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

```
.background{ background-color:#F5FF9F }
```

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