

# Converting Colors

Hex(FBFF99)

Have a look what the booklet for  
Hex(FBFF99) contains.

<b>Hex(FBFF99)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FBFF99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBFF99
RGB	251, 255, 153
RGB Percent	98%, 100%, 60%
CMY	0.0157, 0.0000, 0.4000
CMYK	0.02, 0.00, 0.40, 0.00
HSL	62°, 100%, 80%
HSV	62°, 40%, 100%
XYZ	81.2934, 94.3291, 44.0597
YIQ	242.1760, 30.3580, -32.5700

# Conversions

## Conversions Part 2

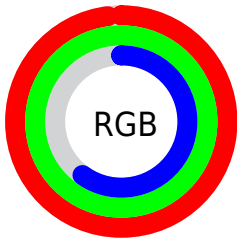
Format	Color
<a href="#">RYB</a>	<a href="#">153, 255, 157</a>
Decimal	<a href="#">16514969</a>
CIELab	<a href="#">97.76, -15.75, 48.22</a>
CIElCh	<a href="#">98, 50.722, 108.088</a>
Yxy	<a href="#">94.3291, 0.3701, 0.4294</a>
Android (android.graphics.Color)	<a href="#">4294705049 (0xFFFBFF99)</a>
YUV	<a href="#">242.1760, -43.9638, 7.7386</a>
Hunter-Lab	<a href="#">97.1232, -20.5587, 41.0895</a>

# Details

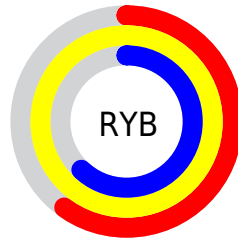
The Hex color **FBFF99** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9D99FF**, and the grayscale version is **F3F3F3**.

A 20% lighter version of the original color is **FFFD1**, and **C1C664** is the 20% darker color. If you saturate the color by 10%, you get **FAFF80**, and if you desaturate by 10%, it is **FCFFB3**.

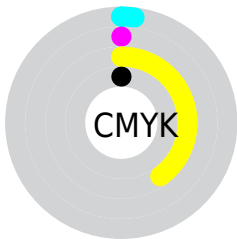
# Distribution



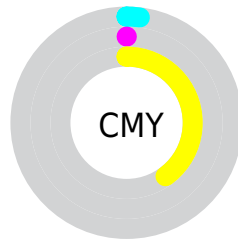
- Red (98%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBFF99 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 FBFF99 by changing the saturation by 10% instead.



 FBFF99

 FBFF99

FFFFFF

 DEE27E

 FFFFD1

 C1C664

 FFFFED

 A5AB4A

 899130

 6E7715

 545E00

 3C4700

 223100

 031C00

 FBFF99

 FBFF99

 FAFF80

 FCFFB3

 F9FF66

 FDFFCB

 F8FF4D

 FEFFE6

 F7FF33

FFFFFF

 F6FF19

 F5FF00

# Harmonies

## Analogous

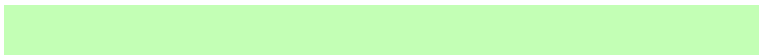
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE998



F9FF99



C9FF99

# Triad

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



FBFF99



2CFFFF



FFD4FF

# Complementary

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



FBFF99



9D99FF

# 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.



FFE1FF



FBFF99



8DFFFF

# Square

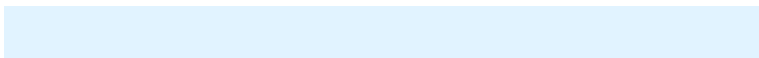
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FBFF99



34FFFF



E1F3FF



FFD3DC

# Rectangle

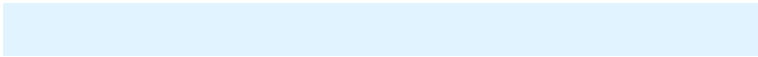
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBFF99



99FFD2



E1F3FF



FFD7FF



# Sweetspot

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



FBFF99



FEFFE0



FF9C99



7F806E



000000



808080



# Same Dimension

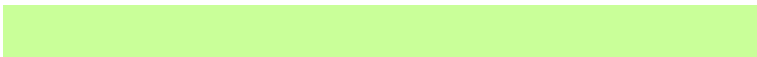
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FBFF99



FAFF85



C9FF99



7F8073



B8BF00



3D4000



# Inverse Universe

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



9D99FF



8985FF



CF99FF



737380



0700BF

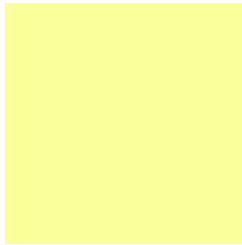


020040



# Previews

## White Background



This preview shows how the Hex color FBFF99 looks on a white background.

## Color Contrast Check

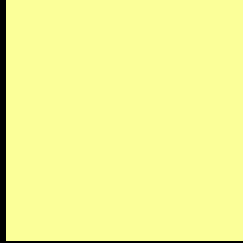
Large Text (above 18pt) WCAG AA × Fail

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 FBFF99 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

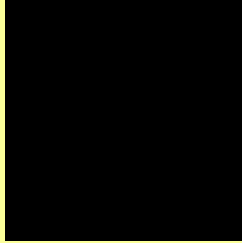
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FBFF99 Background



This preview shows how black text looks on a background with the Hex color FBFF99.

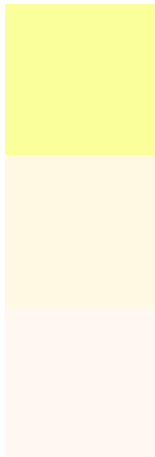


This preview shows how white text looks on a background with the Hex color FBFF99.

# 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**  
FBFF99

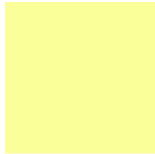
**Protanopia**  
FFF8E3

**Deuteranopia**  
FFF7F0



**Tritanopia**  
FFF6FE

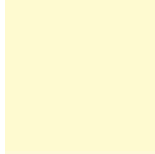
# Trichromacy



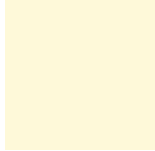
**Original Color**  
FBFF99



**Protanomaly**  
FEFBC8

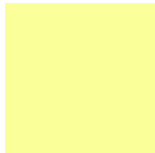


**Deuteranomaly**  
FEFAD0

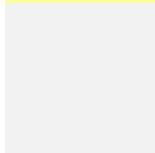


**Tritanomaly**  
FEF9D9

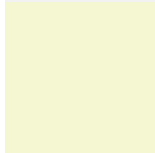
# Monochromacy



**Original Color**  
FBFF99



**Achromatopsia**  
F2F2F2



**Achromatomaly**  
F5F7D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBFF99 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 #FBFF99 looks like.

```
.text, #text, p{  
    color:#FBFF99  
}
```

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 #FBFF99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBFF99
}
```

## Border

The CSS property to change the border of an element to Hex FBFF99 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
#FBFF99 }
```

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

```
.border{ border-color:#FBFF99 }
```

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

Here you see how a box with a 4 pixel #FBFF99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBFF99; -webkit-box-shadow:4px 4px  
4px 4px #FBFF99; box-shadow:4px 4px 4px  
4px #FBFF99 }
```

# Background

The CSS property to change the background color of an element to Hex FBFF99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBFF99 }
```

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

```
.background{ background-color:#FBFF99 }
```

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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