

# Converting Colors

Hex(8FFCAE)

Have a look what the booklet for  
Hex(8FFCAE) contains.

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# Color

**Hex(8FFCAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FFCAE
RGB	143, 252, 174
RGB Percent	56%, 99%, 68%
CMY	0.4392, 0.0118, 0.3176
CMYK	0.43, 0.00, 0.31, 0.01
HSL	137°, 95%, 77%
HSV	137°, 43%, 99%
XYZ	53.7781, 78.5164, 52.3652
YIQ	210.5170, -39.9260, -47.3660

# Conversions

## Conversions Part 2

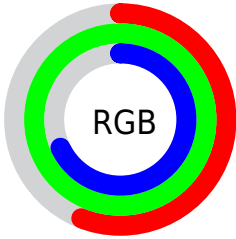
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 228, 252
Decimal	9436334
CIELab	91.02, -47.72, 27.81
CIELCh	91, 55.237, 149.767
Yxy	78.5164, 0.2912, 0.4252
Android (android.graphics.Color)	4287626414 (0xFF8FFCAE)
YUV	210.5170, -18.0029, -59.2124
Hunter-Lab	88.6095, -46.7330, 26.9883

# Details

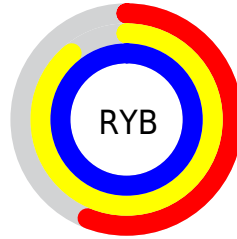
The Hex color **8FFCAE** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FC8FDD**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **C9FFE6**, and **55C379** is the 20% darker color. If you saturate the color by 10%, you get **76FC9C**, and if you desaturate by 10%, it is **A8FCC0**.

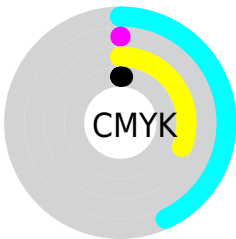
# Distribution



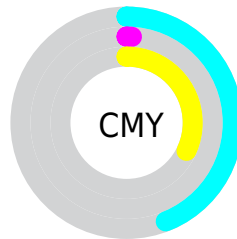
- Red (56%)
- Green (99%)
- Blue (68%)



- Red (56%)
- Yellow (89%)
- Blue (99%)



- Cyan (43%)
- Magenta (0%)
- Yellow (31%)
- Black (1%)



- Cyan (44%)
- Magenta (1%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FFCAE 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 8FFCAE by changing the saturation by 10% instead.



 8FFCAE

 8FFCAE

FFFFFF

 72DF93

 C9FFE6

 55C379

 E6FFFF

 36A760

 0B8C47

 007230

 005819

 004001

 002B00

 000700

 8FFCAE

 8FFCAE

 76FC9C

 A8FCC0

 5DFC8A

 C1FCD2

 43FC78

 DBFCE4

 2AFC66

 F4FCF6

 11FC54

 FFFCFF

 00FC48

# Harmonies

## Analogous

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



D0F287



8FFCAE



24FFE3

# Triad

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



8FFCAE



8FEBFF



FFBFB3

# Complementary

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



8FFCAE



FC8FDD

# 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.



FFBAE8



8FFCAE



E9D8FF

# Square

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



8FFCAE



00F9FF



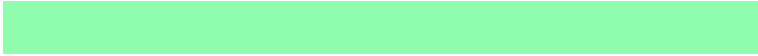
FFC5FF



FFCF8B

# Rectangle

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



8FFCAE



00FFFF



FFC5FF

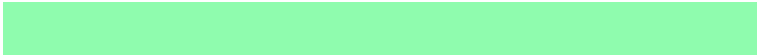


FFBCC4

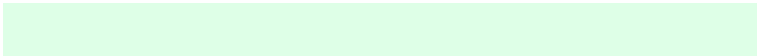


# Sweetspot

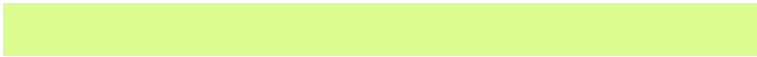
The Sweet Spot groups the original color and five complimentary colors.



8FFCAE



DEFFE7



DDFC8F



6B8071



000000



808080



# Same Dimension

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



8FFCAE



7AFFA0



8FFCE4



707D74



00BD36



003D11



# Inverse Universe

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



FC8FDD



FF7AD9



FC8FA7



7D7079



BD0087

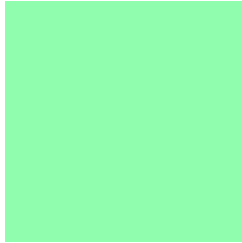


3D002C



# Previews

## White Background



This preview shows how the Hex color 8FFCAE looks on a white background.

## Color Contrast Check

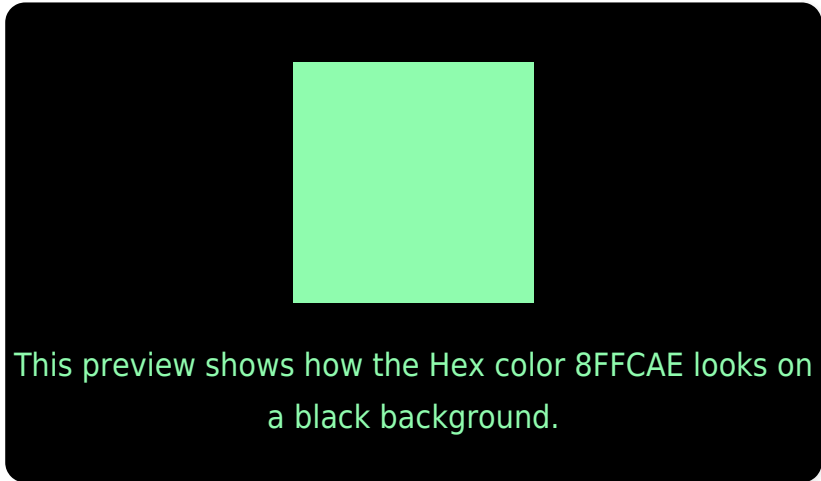
Large Text (above 18pt) WCAG AA × Fail

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

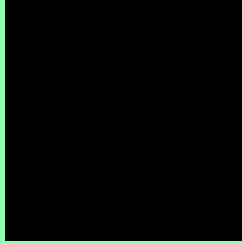
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

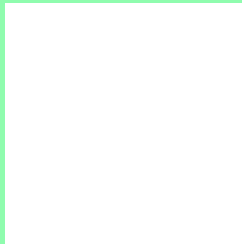
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8FFCAE Background



This preview shows how black text looks on a background with the Hex color 8FFCAE.

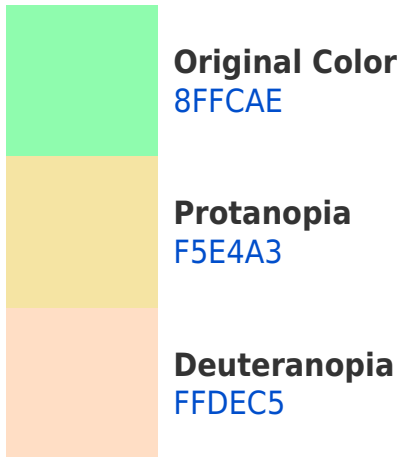


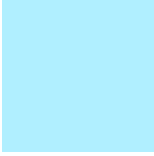
This preview shows how white text looks on a background with the Hex color 8FFCAE.

# 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





**Tritanopia**  
B0EFFF

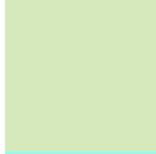
# Trichromacy



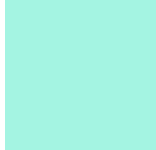
**Original Color**  
8FFCAE



**Protanomaly**  
D0EDA7

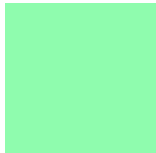


**Deuteranomaly**  
D6E9BD

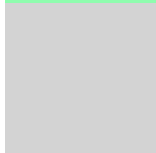


**Tritanomaly**  
A4F4E2

# Monochromacy



**Original Color**  
8FFCAE



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
BAE2C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FFCAE 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 #8FFCAE looks like.

```
.text, #text, p{  
    color:#8FFCAE  
}
```

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 #8FFCAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FFCAE
}
```

## Border

The CSS property to change the border of an element to Hex 8FFCAE 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
#8FFCAE }
```

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

```
.border{ border-color:#8FFCAE }
```

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

Here you see how a box with a 4 pixel #8FFCAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FFCAE; -webkit-box-shadow:4px 4px  
4px 4px #8FFCAE; box-shadow:4px 4px 4px  
4px #8FFCAE }
```

# Background

The CSS property to change the background color of an element to Hex 8FFCAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FFCAE }
```

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

```
.background{ background-color:#8FFCAE }
```

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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