

# Converting Colors

Hex(8CFB84)

Have a look what the booklet for  
Hex(8CFB84) contains.

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**Color**

**Hex(8CFB84)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 8CFB84                       |
| RGB         | 140, 251, 132                |
| RGB Percent | 55%, 98%, 52%                |
| CMY         | 0.4510, 0.0157, 0.4824       |
| CMYK        | 0.44, 0.00, 0.47, 0.02       |
| HSL         | 116°, 94%, 75%               |
| HSV         | 116°, 47%, 98%               |
| XYZ         | 49.4773, 76.2358, 33.9370    |
| YIQ         | 204.2450, -27.9570, -60.5410 |

# Conversions

## Conversions Part 2

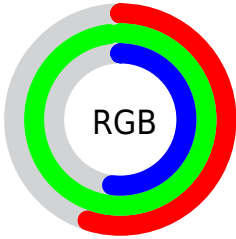
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">132, 251, 243</a>                    |
| Decimal                             | <a href="#">9239428</a>                          |
| CIELab                              | <a href="#">89.97, -54.55, 47.10</a>             |
| CIElCh                              | <a href="#">90, 72.068, 139.188</a>              |
| Yxy                                 | <a href="#">76.2358, 0.3099,<br/>0.4775</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4287429508<br/>(0xFF8CFB84)</a>      |
| YUV                                 | <a href="#">204.2450, -35.6168,<br/>-56.3429</a> |
| Hunter-Lab                          | <a href="#">87.3131, -51.6482,<br/>38.0742</a>   |

# Details

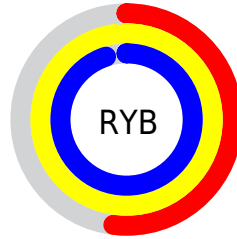
The Hex color **8CFB84** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F384FB**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **C7FFBB**, and **51C24F** is the 20% darker color. If you saturate the color by 10%, you get **75FB6B**, and if you desaturate by 10%, it is **A3FB9D**.

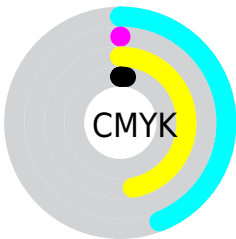
# Distribution



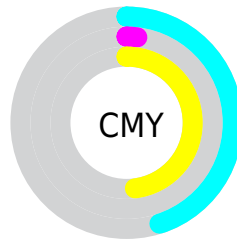
- Red (55%)
- Green (98%)
- Blue (52%)



- Red (52%)
- Yellow (98%)
- Blue (95%)



- Cyan (44%)
- Magenta (0%)
- Yellow (47%)
- Black (2%)



- Cyan (45%)
- Magenta (2%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CFB84 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 8CFB84 by changing the saturation by 10% instead.



 8CFB84

FFFFFF

 C7FFBB

 E4FFD7

 FFFFF4

 8CFB84

 6FDE69

 51C24F

 30A635

 008B1A

 007000

 005700

 003E00

 002800

 000000

 8CFB84

 8CFB84

 75FB6B

 A3FB9D

 5DFB52

 BBFB66

 46FB39

 D2FBCF

 2EFB20

 EAFBE8

 17FB07

 FFFBFF

 11FB00

# Harmonies

## Analogous

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



DEEC57



8CFB84



00FFC6

# Triad

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



8CFB84



00F1FF



FFA7B9

# Complementary

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



8CFB84



F384FB

# 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.



FFA8FE



8CFB84



BADAFF

# Square

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



8CFB84



00FFFF



FFBEFF



FFBB7C

# Rectangle

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



8CFB84



00FFF6



FFBEFF



FFA5D0

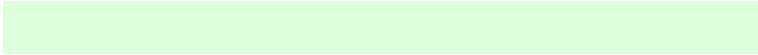


# Sweetspot

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



8CFB84



DEFFDB



FBF184



6B806A



000000



808080



# Same Dimension

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



8CFB84



77FF6E



84FBB6



717D70



0DBD00



043D00



# Inverse Universe

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



F384FB



F56EFF



FB84C9



7C707D



B000BD

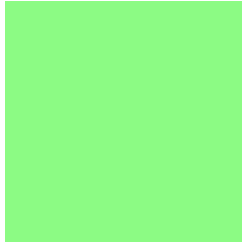


39003D



# Previews

## White Background



This preview shows how the Hex color 8CFB84 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 8CFB84 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

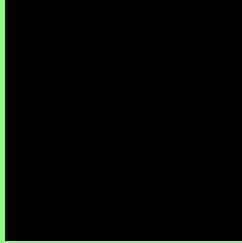
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CFB84 Background



This preview shows how black text looks on a background with the Hex color 8CFB84.

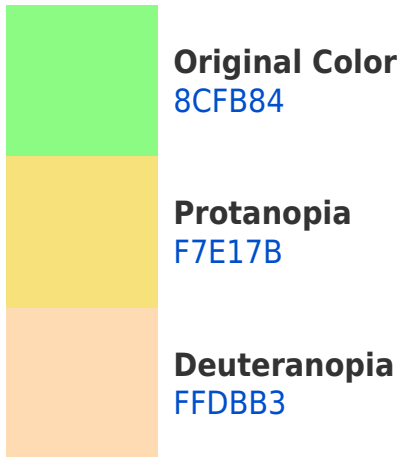


This preview shows how white text looks on a background with the Hex color 8CFB84.

# 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



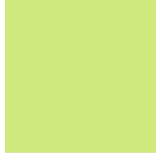


**Tritanopia**  
A7EDFF

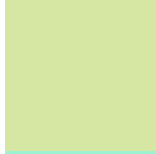
# Trichromacy



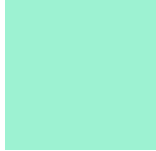
**Original Color**  
8CFB84



**Protanomaly**  
D0EA7E



**Deuteranomaly**  
D5E7A2

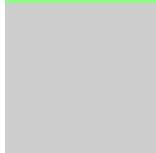


**Tritanomaly**  
9DF2D2

# Monochromacy



**Original Color**  
8CFB84



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
B5DDB2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CFB84 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 #8CFB84 looks like.

```
.text, #text, p{  
    color:#8CFB84  
}
```

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 #8CFB84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CFB84
}
```

## Border

The CSS property to change the border of an element to Hex 8CFB84 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
#8CFB84 }
```

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

```
.border{ border-color:#8CFB84 }
```

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

Here you see how a box with a 4 pixel #8CFB84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CFB84; -webkit-box-shadow:4px 4px  
4px 4px #8CFB84; box-shadow:4px 4px 4px  
4px #8CFB84 }
```

# Background

The CSS property to change the background color of an element to Hex 8CFB84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CFB84 }
```

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

```
.background{ background-color:#8CFB84 }
```

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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