

# Converting Colors

Hex(83F48A)

Have a look what the booklet for  
Hex(83F48A) contains.

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**Color**

**Hex(83F48A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83F48A
RGB	131, 244, 138
RGB Percent	51%, 96%, 54%
CMY	0.4863, 0.0431, 0.4588
CMYK	0.46, 0.00, 0.43, 0.04
HSL	124°, 84%, 74%
HSV	124°, 46%, 96%
XYZ	46.2982, 71.3616, 35.3788
YIQ	198.1290, -33.3220, -56.9220

# Conversions

## Conversions Part 2

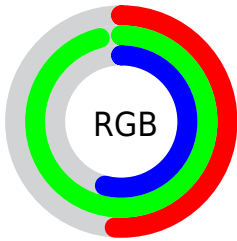
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 237, 244
Decimal	8647818
CIELab	87.66, -53.40, 41.23
CIElCh	88, 67.466, 142.330
Yxy	71.3616, 0.3025, 0.4663
Android (android.graphics.Color)	4286837898 (0xFF83F48A)
YUV	198.1290, -29.6436, -58.8721
Hunter-Lab	84.4758, -50.0032, 34.3022

# Details

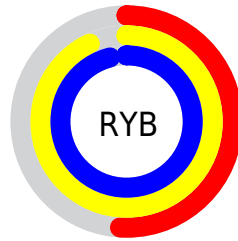
The Hex color **83F48A** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F483ED**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **BDFFC1**, and **47BB56** is the 20% darker color. If you saturate the color by 10%, you get **6BF473**, and if you desaturate by 10%, it is **9BF4A1**.

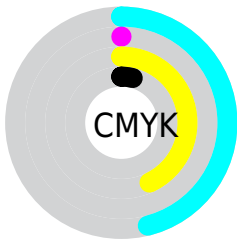
# Distribution



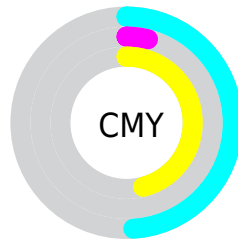
- Red (51%)
- Green (96%)
- Blue (54%)



- Red (51%)
- Yellow (93%)
- Blue (96%)



- Cyan (46%)
- Magenta (0%)
- Yellow (43%)
- Black (4%)



- Cyan (49%)
- Magenta (4%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83F48A 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 83F48A by changing the saturation by 10% instead.



 83F48A

 83F48A

FFFFFF

 66D770

 BDFFC1

 47BB56

 DBFFDD

 249F3D

 F9FFFA

 008423

 006A05

 005100

 003900

 002200

 000000

 83F48A

 83F48A

 6BF473

 9BF4A1

 52F45C

 B4F4B8

 3AF445

 CCF4CF

 21F42E

 E5F4E6

 09F418

 FDF4FC

 00F40F

 FFF4FF

# Harmonies

## Analogous

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



D1E75E



83F48A



00FBC9

# Triad

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



83F48A



00E8FF



FFA7AF

# Complementary

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



83F48A



F483ED

# 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.



FFA5EF



83F48A



C4D1FF

# Square

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



83F48A



00F6FF



FFB8FF



FFBA78

# Rectangle

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



83F48A



00FCF5



FFB8FF



FFA4C4

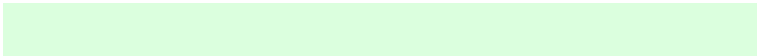


# Sweetspot

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



83F48A



DBFFDE



EEF483



6A806B



000000



808080



# Same Dimension

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



83F48A



70FF79



83F4C1



6E7A6F



00BA0C



003B04



# Inverse Universe

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



F483ED



FF70F6



F483B6



7A6E7A



BA00AF

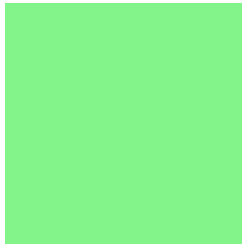


3B0037



# Previews

## White Background



This preview shows how the Hex color 83F48A looks on a white background.

## Color Contrast Check

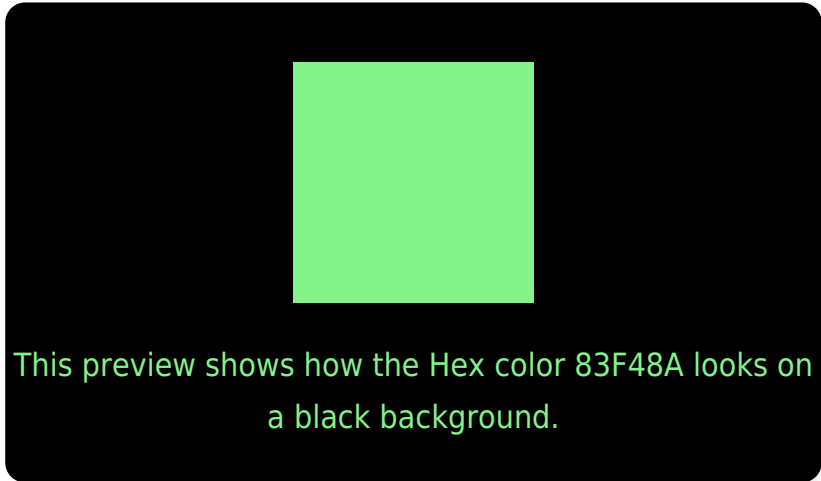
Large Text (above 18pt) WCAG AA × Fail

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

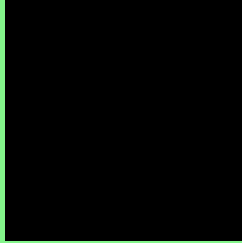
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 83F48A Background



This preview shows how black text looks on a background with the Hex color 83F48A.

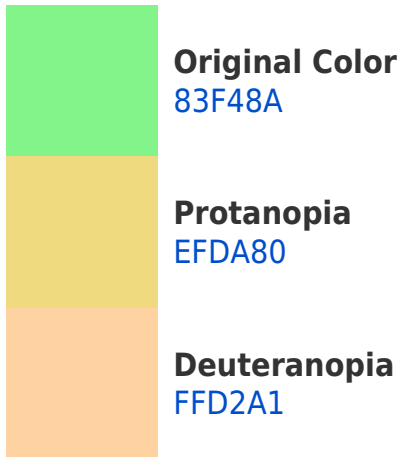


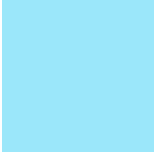
This preview shows how white text looks on a background with the Hex color 83F48A.

# 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**  
9BE7FA

# Trichromacy



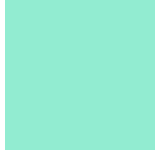
**Original Color**  
83F48A



**Protanomaly**  
C8E384



**Deuteranomaly**  
D2DE99

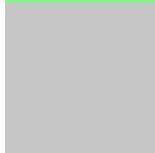


**Tritanomaly**  
92ECD1

# Monochromacy



**Original Color**  
83F48A



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
AED7B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83F48A 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 #83F48A looks like.

```
.text, #text, p{  
    color:#83F48A  
}
```

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 #83F48A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83F48A
}
```

## Border

The CSS property to change the border of an element to Hex 83F48A 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
#83F48A }
```

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

```
.border{ border-color:#83F48A }
```

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

Here you see how a box with a 4 pixel #83F48A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83F48A; -webkit-box-shadow:4px 4px  
4px 4px #83F48A; box-shadow:4px 4px 4px  
4px #83F48A }
```

# Background

The CSS property to change the background color of an element to Hex 83F48A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83F48A }
```

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

```
.background{ background-color:#83F48A }
```

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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