

Converting Colors

Hex(E6FC8A)

Have a look what the booklet for
Hex(E6FC8A) contains.

Hex(E6FC8A)	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(E6FC8A)

Conversions

Conversions Part 1

Format	Color
Hex	E6FC8A
RGB	230, 252, 138
RGB Percent	90%, 99%, 54%
CMY	0.0980, 0.0118, 0.4588
CMYK	0.09, 0.00, 0.45, 0.01
HSL	72°, 95%, 76%
HSV	72°, 45%, 99%
XYZ	72.0310, 88.2788, 37.2878
YIQ	232.4260, 23.4820, -40.1180

Conversions

Conversions Part 2

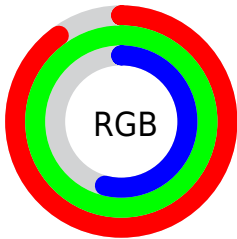
Format	Color
RYB	138, 252, 160
Decimal	15137930
CIELab	95.28, -23.79, 51.93
CIELCh	95, 57.122, 114.611
Yxy	88.2788, 0.3645, 0.4468
Android (android.graphics.Color)	4293328010 (0xFFE6FC8A)
YUV	232.4260, -46.5520, -2.1276
Hunter-Lab	93.9568, -27.5792, 42.2398

Details

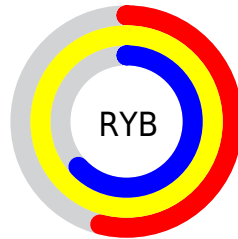
The Hex color **E6FC8A** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **A08AFC**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFC1**, and **ADC355** is the 20% darker color. If you saturate the color by 10%, you get **E1FC71**, and if you desaturate by 10%, it is **EBFCA3**.

Distribution



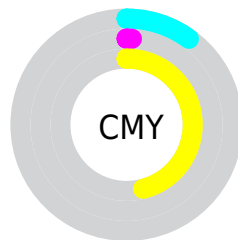
- Red (90%)
- Green (99%)
- Blue (54%)



- Red (54%)
- Yellow (99%)
- Blue (63%)



- Cyan (9%)
- Magenta (0%)
- Yellow (45%)
- Black (1%)



- Cyan (10%)
- Magenta (1%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6FC8A 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 E6FC8A by changing the saturation by 10% instead.

 E6FC8A

 E6FC8A

FFFFFF

 C9DF6F

 FFFFC1

 ADC355

 FFFFDE

 91A83B

 FFFFFB

 768E1F

 5B7400

 415B00

 284400

 0C2D00

 001B00

 E6FC8A

 E6FC8A

 E1FC71

 EBFCA3

 DCFC58

 F0FCBC

 D7FC3E

 F5FCD6

 D3FC25

 F9FCEF

 CEFC0C

 FEFCFF

 CBFC00

 FFFCFF

Harmonies

Analogous

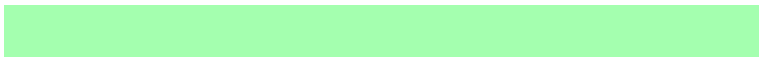
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEB82



E6FC8A



A4FFAF

Triad

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



E6FC8A



00FFFF



FFC5FE

Complementary

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



E6FC8A



A08AFC

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.



FFD2FF



E6FC8A



83FAFF

Square

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



E6FC8A



00FFFF



E8E7FF



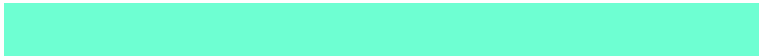
FFC8C6

Rectangle

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



E6FC8A



6EFFD2



E8E7FF



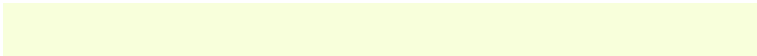
FFC8FF

Sweetspot

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



E6FC8A



F8FFDB



FC9F8A



7B806A



000000



808080

Same Dimension

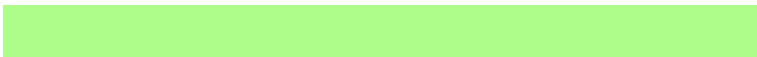
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E6FC8A



E4FF75



AEFC8A



7B7D70



98BD00



313D00

Inverse Universe

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



A08AFC



9075FF



D88AFC



73707D



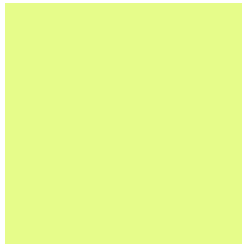
2400BD



0C003D

Previews

White Background



This preview shows how the Hex color E6FC8A looks on a white background.

Color Contrast Check

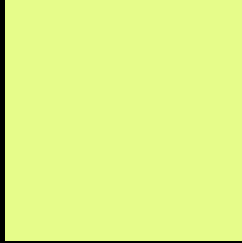
Large Text (above 18pt) WCAG AA × Fail

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 E6FC8A 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 E6FC8A Background



This preview shows how black text looks on a background with the Hex color E6FC8A.

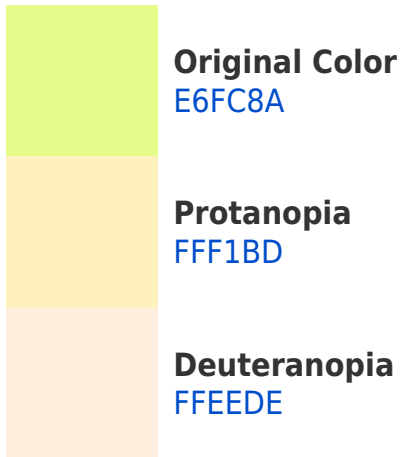


This preview shows how white text looks on a background with the Hex color E6FC8A.

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](#).

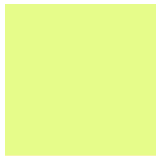
Dichromacy



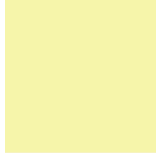


Tritanopia
F4EFFF

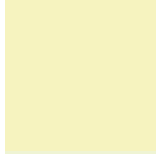
Trichromacy



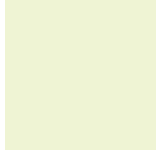
Original Color
E6FC8A



Protanomaly
F6F5AA



Deuteranomaly
F6F3BF

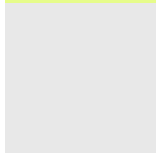


Tritanomaly
EFF4D4

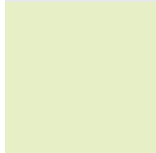
Monochromacy



Original Color
E6FC8A



Achromatopsia
E8E8E8



Achromatomaly
E7EFC6

CSS Examples

Text

The CSS property to change the color of the text to Hex E6FC8A 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 #E6FC8A looks like.

```
.text, #text, p{  
    color:#E6FC8A  
}
```

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 #E6FC8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6FC8A
}
```

Border

The CSS property to change the border of an element to Hex E6FC8A 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
#E6FC8A }
```

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

```
.border{ border-color:#E6FC8A }
```

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

Here you see how a box with a 4 pixel #E6FC8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6FC8A; -webkit-box-shadow:4px 4px  
4px 4px #E6FC8A; box-shadow:4px 4px 4px  
4px #E6FC8A }
```

Background

The CSS property to change the background color of an element to Hex E6FC8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6FC8A }
```

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

```
.background{ background-color:#E6FC8A }
```

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