

Converting Colors

Hex(E6F7AF)

Have a look what the booklet for
Hex(E6F7AF) contains.

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Color

Hex(E6F7AF)

Conversions

Conversions Part 1

Format	Color
Hex	E6F7AF
RGB	230, 247, 175
RGB Percent	90%, 97%, 69%
CMY	0.0980, 0.0314, 0.3137
CMYK	0.07, 0.00, 0.29, 0.03
HSL	74°, 82%, 83%
HSV	74°, 29%, 97%
XYZ	73.6318, 86.4397, 53.3612
YIQ	233.7090, 12.9800, -25.9960

Conversions

Conversions Part 2

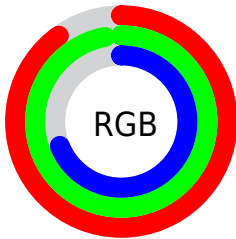
Format	Color
RYB	175, 247, 192
Decimal	15136687
CIELab	94.50, -17.08, 32.83
CIELCh	95, 37.012, 117.486
Yxy	86.4397, 0.3450, 0.4050
Android (android.graphics.Color)	4293326767 (0xFFE6F7AF)
YUV	233.7090, -28.9435, -3.2528
Hunter-Lab	92.9729, -21.3360, 31.0520

Details

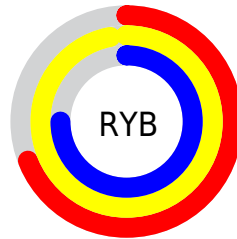
The Hex color **E6F7AF** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **C0AFF7**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFE7**, and **AEBF7A** is the 20% darker color. If you saturate the color by 10%, you get **E0F796**, and if you desaturate by 10%, it is **ECF7C8**.

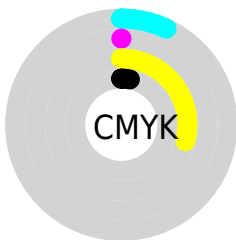
Distribution



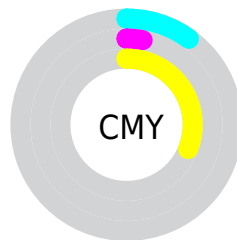
- Red (90%)
- Green (97%)
- Blue (69%)



- Red (69%)
- Yellow (97%)
- Blue (75%)



- Cyan (7%)
- Magenta (0%)
- Yellow (29%)
- Black (3%)



- Cyan (10%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6F7AF 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 E6F7AF by changing the saturation by 10% instead.

 E6F7AF

FFFFFF

 FFFFE7

 E6F7AF

 CADA94

 AEBF7A

 93A460

 788948

 5F7030

 465719

 2E4000

 182A00

 001700

 E6F7AF

 E6F7AF

 E0F796

 ECF7C8

 DAF77E

 F2F7E0

 D5F765

 F7F7F9

 CFF74C

 FDF7FF

 C9F734

 FFF7FF

 C3F71B

 BDF702

 BDF700

Harmonies

Analogous

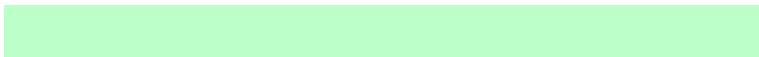
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFECA8



E6F7AF



BDFFC8

Triad

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



E6F7AF



8FFDFF



FFD5F4

Complementary

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



E6F7AF



C0AFF7

Split Complementary

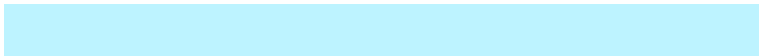
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDBFF



E6F7AF



BDF3FF

Square

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



E6F7AF



7FFFFF



F0E7FF



FFD7D0

Rectangle

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



E6F7AF



A2FFDF



F0E7FF



FFD6FF

Sweetspot

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



E6F7AF



FAFFE8



F7C0AF



7C8071



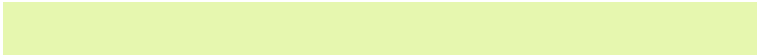
000000



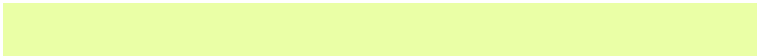
808080

Same Dimension

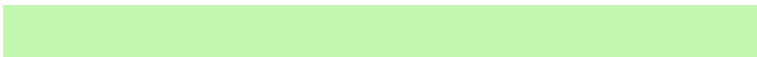
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E6F7AF



EAFFA6



C2F7AF



787A6E



8EBA00



2D3B00

Inverse Universe

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



C0AFF7



BBA6FF



E4AFF7



716E7A



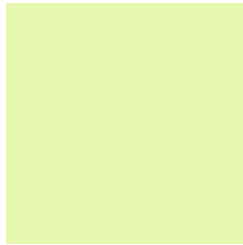
2C00BA



0E003B

Previews

White Background



This preview shows how the Hex color E6F7AF looks on a white background.

Color Contrast Check

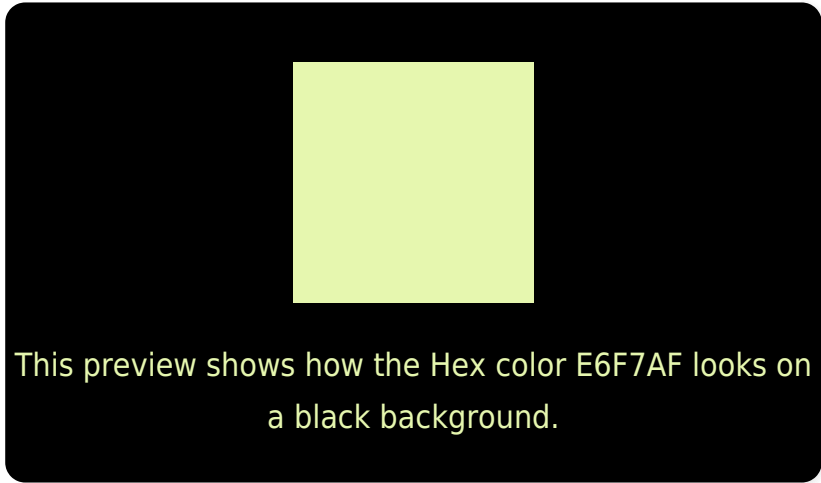
Large Text (above 18pt) WCAG AA × Fail

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

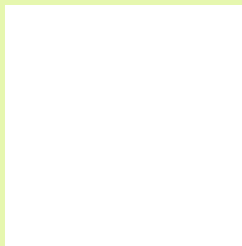
Any Text WCAG AAA ✓ Pass

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

Hex E6F7AF Background



This preview shows how black text looks on a background with the Hex color E6F7AF.

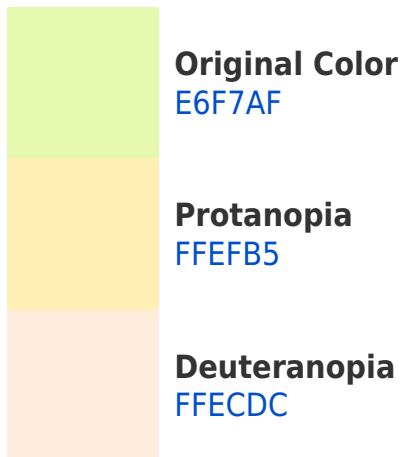


This preview shows how white text looks on a background with the Hex color E6F7AF.

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](#).

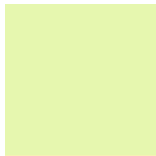
Dichromacy



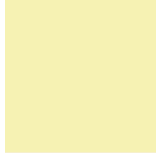


Tritanopia
F1EDFF

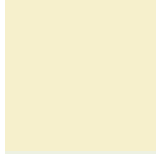
Trichromacy



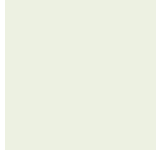
Original Color
E6F7AF



Protanomaly
F6F2B3

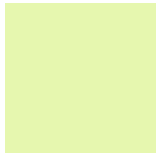


Deuteranomaly
F6F0CC

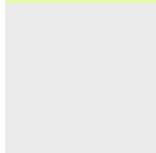


Tritanomaly
EDF1E2

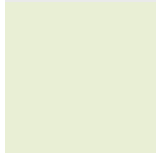
Monochromacy



Original Color
E6F7AF



Achromatopsia
EAEAEA



Achromatomaly
E9EFD5

CSS Examples

Text

The CSS property to change the color of the text to Hex E6F7AF 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 #E6F7AF looks like.

```
.text, #text, p{  
    color:#E6F7AF  
}
```

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 #E6F7AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6F7AF  
}
```

Border

The CSS property to change the border of an element to Hex E6F7AF 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  
#E6F7AF }
```

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

```
.border{ border-color:#E6F7AF }
```

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

Here you see how a box with a 4 pixel #E6F7AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6F7AF; -webkit-box-shadow:4px 4px  
4px 4px #E6F7AF; box-shadow:4px 4px 4px  
4px #E6F7AF }
```

Background

The CSS property to change the background color of an element to Hex E6F7AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6F7AF }
```

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

```
.background{ background-color:#E6F7AF }
```

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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