

Converting Colors

Hex(E6F5A1)

Have a look what the booklet for
Hex(E6F5A1) contains.

Hex(E6F5A1)	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(E6F5A1)

Conversions

Conversions Part 1

Format	Color
Hex	E6F5A1
RGB	230, 245, 161
RGB Percent	90%, 96%, 63%
CMY	0.0980, 0.0392, 0.3686
CMYK	0.06, 0.00, 0.34, 0.04
HSL	71°, 81%, 80%
HSV	71°, 34%, 96%
XYZ	71.7186, 84.7010, 46.2872
YIQ	230.9390, 18.0240, -29.3040

Conversions

Conversions Part 2

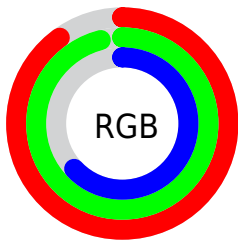
Format	Color
RYB	161, 245, 176
Decimal	15136161
CIELab	93.75, -17.88, 38.85
CIElCh	94, 42.766, 114.713
Yxy	84.7010, 0.3538, 0.4179
Android (android.graphics.Color)	4293326241 (0xFFE6F5A1)
YUV	230.9390, -34.4799, -0.8235
Hunter-Lab	92.0332, -21.9586, 34.6039

Details

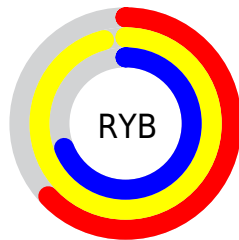
The Hex color **E6F5A1** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **B0A1F5**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFD9**, and **ADBD6C** is the 20% darker color. If you saturate the color by 10%, you get **E2F589**, and if you desaturate by 10%, it is **EAF5BA**.

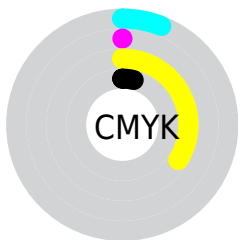
Distribution



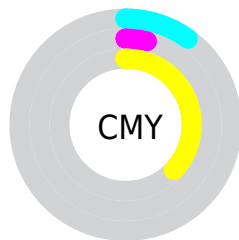
- Red (90%)
- Green (96%)
- Blue (63%)



- Red (63%)
- Yellow (96%)
- Blue (69%)



- Cyan (6%)
- Magenta (0%)
- Yellow (34%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6F5A1 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 E6F5A1 by changing the saturation by 10% instead.

 E6F5A1

FFFFFF

 FFFFD9

 FFFFF5

 E6F5A1

 C9D986

 ADBD6C

 92A253

 78883A

 5E6E22

 455607

 2D3E00

 142900

 001600

 E6F5A1

 E6F5A1

 E2F589

 EAF5BA

 DDF570

 EFF5D2

 D9F557

 F3F5EB

 D4F53F

 F7F5FF

 D0F526

 FCF5FF

 CCF50E

 FFF5FF

 C9F500

Harmonies

Analogous

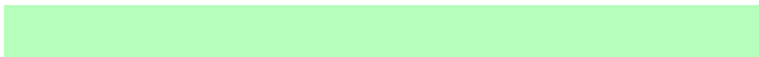
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE89B



E6F5A1



B6FEBC

Triad

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



E6F5A1



6EFEFF



FFCEF6

Complementary

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



E6F5A1



B0A1F5

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.



FFD7FF



E6F5A1



A9F3FF

Square

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



E6F5A1



5EFFFF



E8E5FF



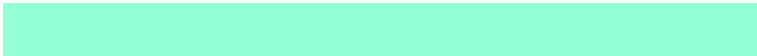
FFD0CD

Rectangle

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



E6F5A1



95FFD6



E8E5FF



FFD0FF

Sweetspot

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



E6F5A1



FAFFE6



F5AFA1



7D8070



000000



808080

Same Dimension

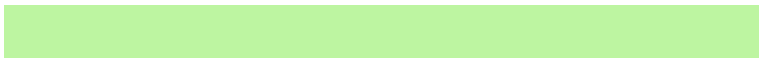
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E6F5A1



ECFF96



BDF5A1



787A6E



99BA00



303B00

Inverse Universe

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



B0A1F5



A996FF



D9A1F5



706E7A



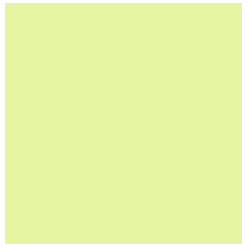
2100BA



0A003B

Previews

White Background



This preview shows how the Hex color E6F5A1 looks on a white background.

Color Contrast Check

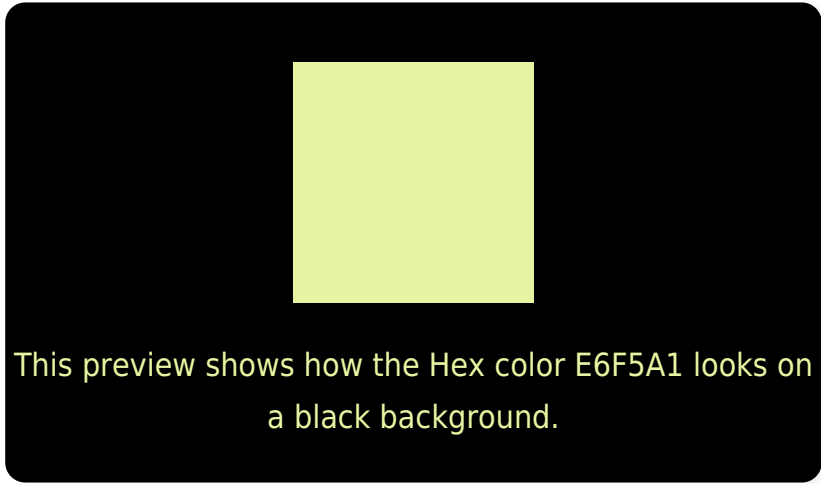
Large Text (above 18pt) WCAG AA × Fail

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

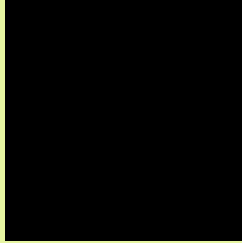
Any Text WCAG AA ✓ Pass

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 E6F5A1 Background



This preview shows how black text looks on a background with the Hex color E6F5A1.

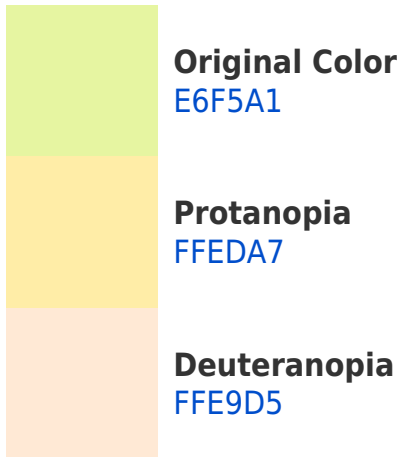


This preview shows how white text looks on a background with the Hex color E6F5A1.

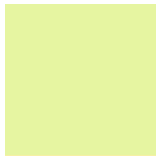
Color Blindness Simulation

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](#).

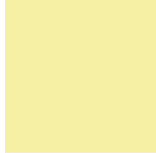
Dichromacy



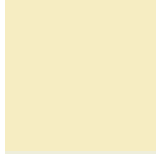
Trichromacy



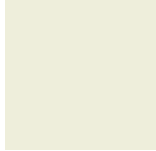
Original Color
E6F5A1



Protanomaly
F6F0A5

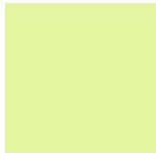


Deuteranomaly
F6EDC2

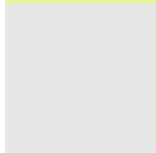


Tritanomaly
EEEEDB

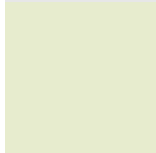
Monochromacy



Original Color
E6F5A1



Achromatopsia
E7E7E7



Achromatomaly
E7ECCE

CSS Examples

Text

The CSS property to change the color of the text to Hex E6F5A1 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 #E6F5A1 looks like.

```
.text, #text, p{  
    color:#E6F5A1  
}
```

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 #E6F5A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6F5A1
}
```

Border

The CSS property to change the border of an element to Hex E6F5A1 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
#E6F5A1 }
```

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

```
.border{ border-color:#E6F5A1 }
```

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

Here you see how a box with a 4 pixel #E6F5A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6F5A1; -webkit-box-shadow:4px 4px  
4px 4px #E6F5A1; box-shadow:4px 4px 4px  
4px #E6F5A1 }
```

Background

The CSS property to change the background color of an element to Hex E6F5A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6F5A1 }
```

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

```
.background{ background-color:#E6F5A1 }
```

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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