

# Converting Colors

Hex(E5FFA1)

Have a look what the booklet for  
Hex(E5FFA1) contains.

<b>Hex(E5FFA1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E5FFA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5FFA1
RGB	229, 255, 161
RGB Percent	90%, 100%, 63%
CMY	0.1020, 0.0000, 0.3686
CMYK	0.10, 0.00, 0.37, 0.00
HSL	77°, 100%, 82%
HSV	77°, 37%, 100%
XYZ	74.5061, 90.7512, 47.3081
YIQ	236.5100, 14.6780, -34.7460

# Conversions

## Conversions Part 2

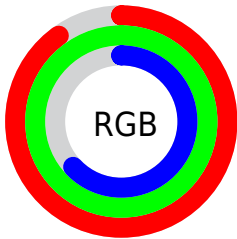
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 255, 187
Decimal	15073185
CIELab	96.31, -23.06, 42.15
CIELCh	96, 48.050, 118.683
Yxy	90.7512, 0.3505, 0.4269
Android (android.graphics.Color)	4293263265 (0xFFE5FFA1)
YUV	236.5100, -37.2264, -6.5863
Hunter-Lab	95.2634, -27.1051, 37.2408

# Details

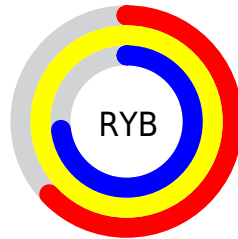
The Hex color **E5FFA1** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BBA1FF**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFD9**, and **ACC66C** is the 20% darker color. If you saturate the color by 10%, you get **DEFF87**, and if you desaturate by 10%, it is **ECFFBB**.

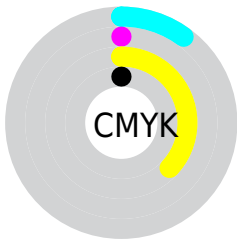
# Distribution



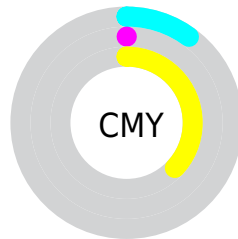
- Red (90%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5FFA1 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 E5FFA1 by changing the saturation by 10% instead.



 E5FFA1

 E5FFA1

FFFFFF

 C8E286

 FFFFD9

 ACC66C

 FFFFF6


 91AB52

 769039

 5C7720

 435E02

 2B4600

 112F00

 001D00

 E5FFA1

 E5FFA1

 DEFF87

 ECFFBB

 D7FF6E

 F3FFD4

 D0FF54

 FAFEE

 C9FF3B

FFFFFF

 C2FF21

 BBFF08

 B8FF00

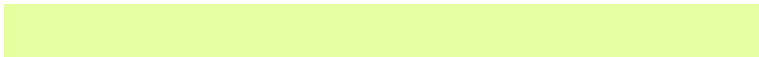
# Harmonies

## Analogous

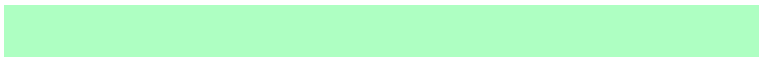
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF197



E5FFA1



AEFFC2

# Triad

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



E5FFA1



5EFFFF



FFD0F8

# Complementary

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



E5FFA1



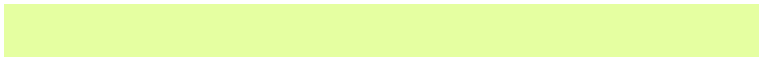
BBA1FF

# 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.



FFD9FF



E5FFA1



AEFAFF

# Square

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



E5FFA1



39FFFF



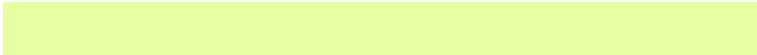
F7E9FF



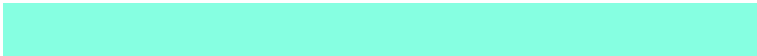
FFD4CA

# Rectangle

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



E5FFA1



86FFE1



F7E9FF



FFD2FF

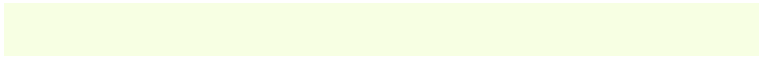


# Sweetspot

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



E5FFA1



F7FFE3



FFBAA1



7B806F



000000



808080



# Same Dimension

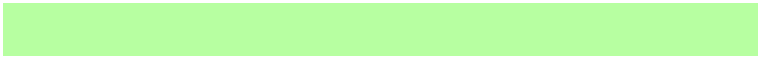
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E5FFA1



E0FF8F



B7FFA1



7C8073



8ABF00



2E4000



# Inverse Universe

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



BBA1FF



AE8FFF



E9A1FF



767380



3500BF



120040



# Previews

## White Background



This preview shows how the Hex color E5FFA1 looks on a white background.

## Color Contrast Check

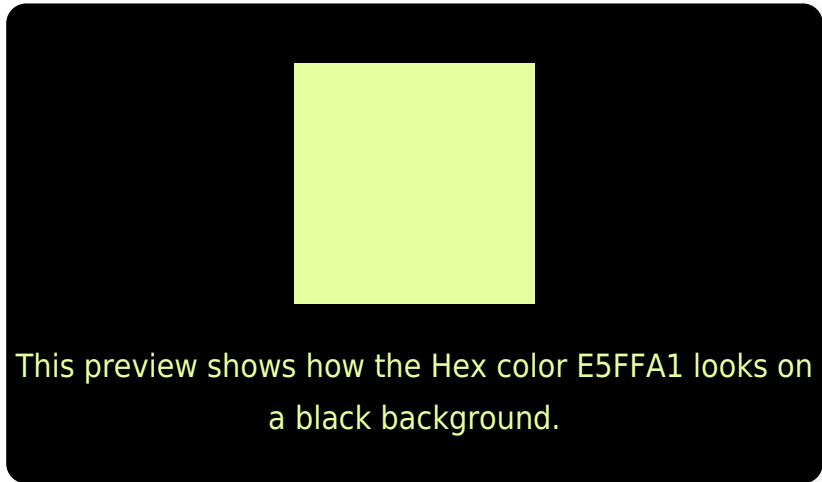
Large Text (above 18pt) WCAG AA × Fail

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

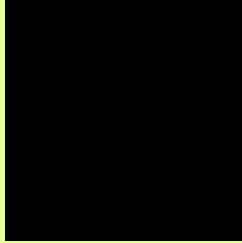
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5FFA1 Background



This preview shows how black text looks on a background with the Hex color E5FFA1.

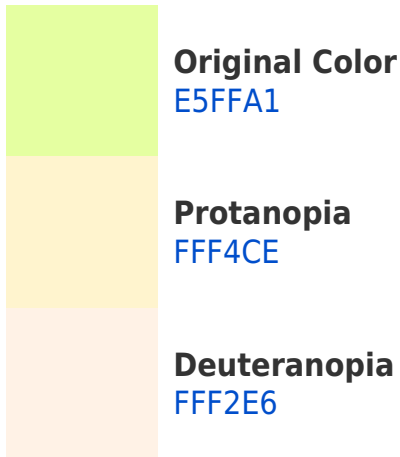


This preview shows how white text looks on a background with the Hex color E5FFA1.

# 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



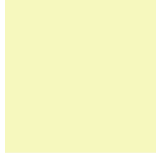


**Tritanopia**  
F3F3FF

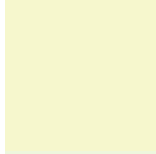
# Trichromacy



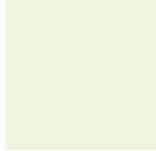
**Original Color**  
E5FFA1



**Protanomaly**  
F6F8BE



**Deuteranomaly**  
F6F7CD

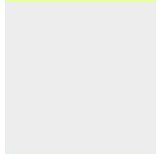


**Tritanomaly**  
EEF7DD

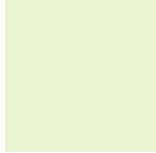
# Monochromacy



**Original Color**  
E5FFA1



**Achromatopsia**  
EDED



**Achromatomaly**  
EAF4D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5FFA1 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 #E5FFA1 looks like.

```
.text, #text, p{  
    color:#E5FFA1  
}
```

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 #E5FFA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5FFA1  
}
```

## Border

The CSS property to change the border of an element to Hex E5FFA1 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  
#E5FFA1 }
```

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

```
.border{ border-color:#E5FFA1 }
```

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

Here you see how a box with a 4 pixel #E5FFA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5FFA1; -webkit-box-shadow:4px 4px  
4px 4px #E5FFA1; box-shadow:4px 4px 4px  
4px #E5FFA1 }
```

# Background

The CSS property to change the background color of an element to Hex E5FFA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5FFA1 }
```

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

```
.background{ background-color:#E5FFA1 }
```

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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