

# Converting Colors

Hex(E5FFCC)

Have a look what the booklet for  
Hex(E5FFCC) contains.

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# **Color**

**Hex(E5FFCC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5FFCC
RGB	229, 255, 204
RGB Percent	90%, 100%, 80%
CMY	0.1020, 0.0000, 0.2000
CMYK	0.10, 0.00, 0.20, 0.00
HSL	91°, 100%, 90%
HSV	91°, 20%, 100%
XYZ	78.9722, 92.5376, 70.8260
YIQ	241.4120, 0.8750, -21.3730

# Conversions

## Conversions Part 2

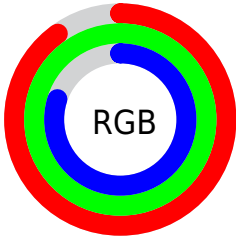
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 255, 230
Decimal	15073228
CIELab	97.04, -17.18, 21.61
CIELCh	97, 27.607, 128.498
Yxy	92.5376, 0.3259, 0.3819
Android (android.graphics.Color)	4293263308 (0xFFE5FFCC)
YUV	241.4120, -18.4441, -10.8853
Hunter-Lab	96.1965, -21.8049, 23.6844

# Details

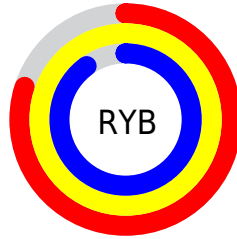
The Hex color **E5FFCC** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E6CCFF**, and the grayscale version is **F2F2F2**.

A 20% lighter version of the original color is **FFFFFF**, and **ADC696** is the 20% darker color. If you saturate the color by 10%, you get **D8FFB3**, and if you desaturate by 10%, it is **F2FFE6**.

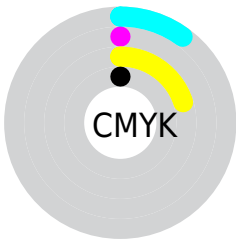
# Distribution



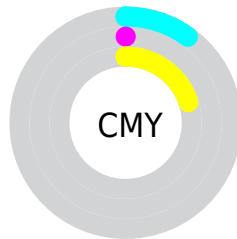
- Red (90%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5FFCC 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 E5FFCC by changing the saturation by 10% instead.



 E5FFCC

FFFFFF

 E5FFCC

 C9E2B0

 ADC696

 92AB7C

 789063

 5F774A

 475E33

 30461D

 1A3006

 001C00

 E5FFCC

 E5FFCC

 D8FFB3

 F2FFE6

 CBFF99

FFFFFF

 BEFF80

 B1FF66

 A4FF4D

 97FF33

 8AFF19

 7DFF00

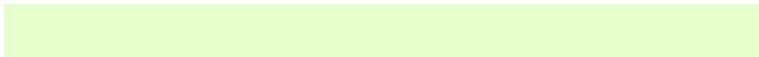
# Harmonies

## Analogous

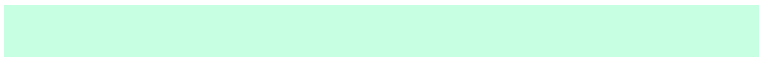
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF7C1



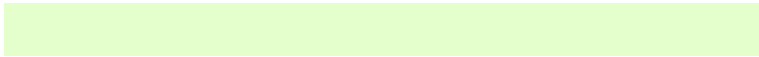
E5FFCC



C7FFE2

# Triad

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



E5FFCC



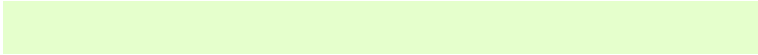
C0FFFF



FFE3F0

# Complementary

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



E5FFCC



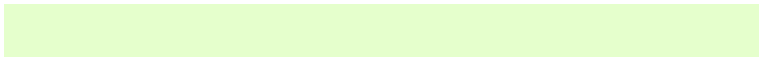
E6CCFF

# Split Complementary

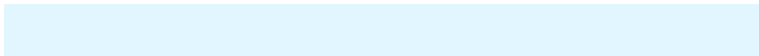
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE6FF



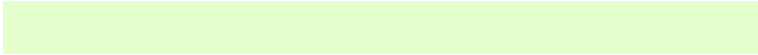
E5FFCC



E1F6FF

# Square

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



E5FFCC



ADFFFF



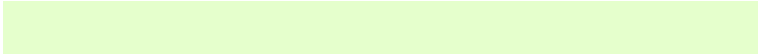
FFEDFF



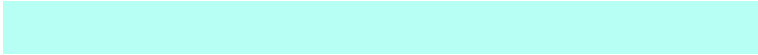
FFE7D6

# Rectangle

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



E5FFCC



B7FFF4



FFEDFF

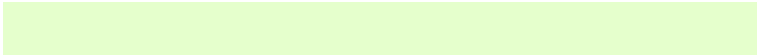


FFE4F9



# Sweetspot

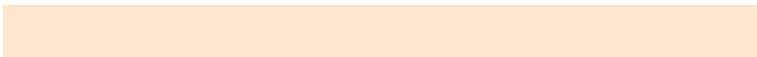
The Sweet Spot groups the original color and five complimentary colors.



E5FFCC



F7FFF0



FFE6CC



7B8077



000000

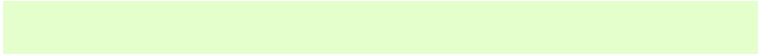


808080

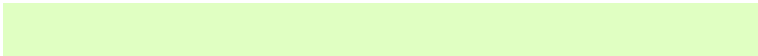


# Same Dimension

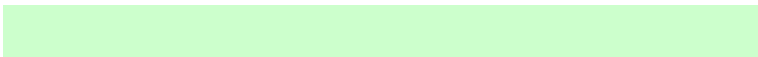
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E5FFCC



E0FFC2



CCFFCC



798073



5EBF00



1F4000



# Inverse Universe

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



E6CCFF



E1C2FF



FFCCFF



797380



6200BF

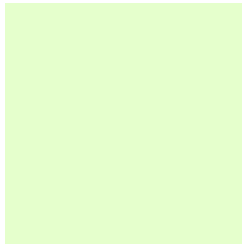


210040



# Previews

## White Background



This preview shows how the Hex color E5FFCC looks on a white background.

## Color Contrast Check

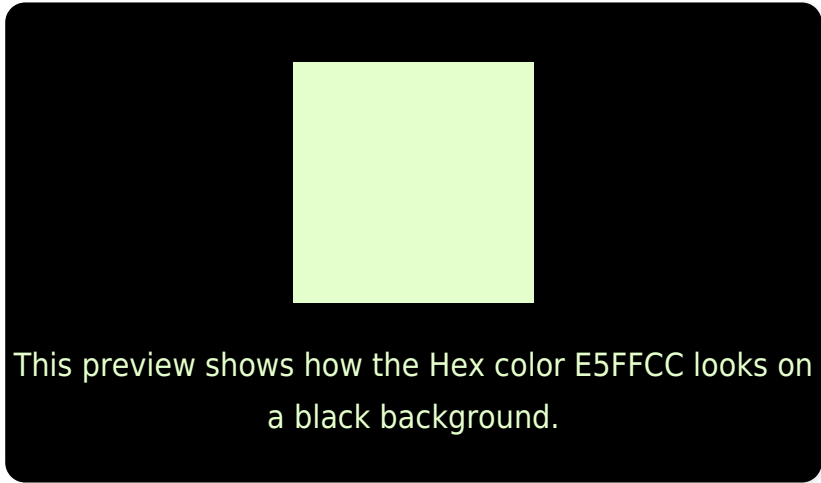
Large Text (above 18pt) WCAG AA × Fail

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

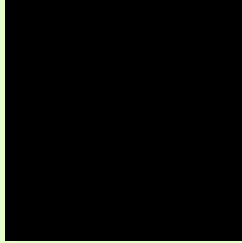
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

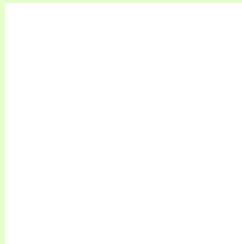
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E5FFCC Background



This preview shows how black text looks on a background with the Hex color E5FFCC.

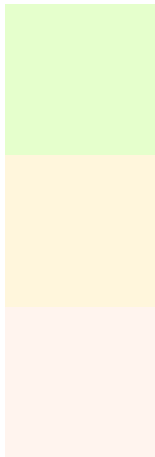


This preview shows how white text looks on a background with the Hex color E5FFCC.

# 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



**Original Color**  
E5FFCC

**Protanopia**  
FFF6DC

**Deuteranopia**  
FFF4EE

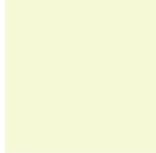


**Tritanopia**  
F3F6FF

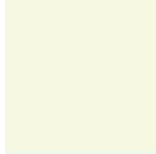
# Trichromacy



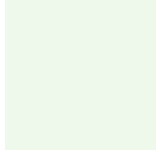
**Original Color**  
E5FFCC



**Protanomaly**  
F6F9D6

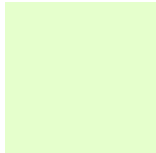


**Deuteranomaly**  
F6F8E2

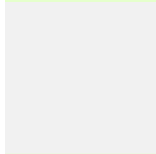


**Tritanomaly**  
EEF9EC

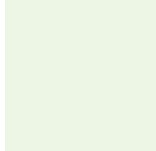
# Monochromacy



**Original Color**  
E5FFCC



**Achromatopsia**  
F1F1F1



**Achromatomaly**  
EDF6E4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5FFCC 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 #E5FFCC looks like.

```
.text, #text, p{  
    color:#E5FFCC  
}
```

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 #E5FFCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5FFCC
}
```

## Border

The CSS property to change the border of an element to Hex E5FFCC 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
#E5FFCC }
```

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

```
.border{ border-color:#E5FFCC }
```

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

Here you see how a box with a 4 pixel #E5FFCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5FFCC; -webkit-box-shadow:4px 4px  
4px 4px #E5FFCC; box-shadow:4px 4px 4px  
4px #E5FFCC }
```

# Background

The CSS property to change the background color of an element to Hex E5FFCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5FFCC }
```

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

```
.background{ background-color:#E5FFCC }
```

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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