

# Converting Colors

Hex(E5FFE9)

Have a look what the booklet for  
Hex(E5FFE9) contains.

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# **Color**

**Hex(E5FFE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5FFE9
RGB	229, 255, 233
RGB Percent	90%, 100%, 91%
CMY	0.1020, 0.0000, 0.0863
CMYK	0.10, 0.00, 0.09, 0.00
HSL	129°, 100%, 95%
HSV	129°, 10%, 100%
XYZ	82.7811, 94.0612, 90.8834
YIQ	244.7180, -8.4340, -12.3540

# Conversions

## Conversions Part 2

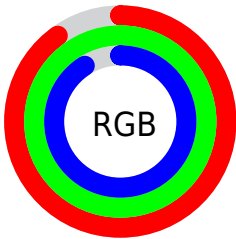
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 252, 255
Decimal	15073257
CIE <sub>Lab</sub>	97.66, -12.41, 7.65
CIE <sub>LCh</sub>	98, 14.575, 148.338
Yxy	94.0612, 0.3092, 0.3513
Android (android.graphics.Color)	4293263337 (0xFFE5FFE9)
YUV	244.7180, -5.7770, -13.7847
Hunter-Lab	96.9852, -17.3665, 12.3298

# Details

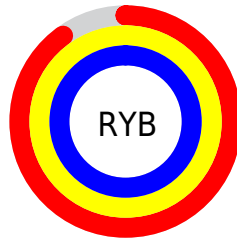
The Hex color **E5FFE9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFE5FB**, and the grayscale version is **F5F5F5**.

A 20% lighter version of the original color is **FFFFFF**, and **ADC6B1** is the 20% darker color. If you saturate the color by 10%, you get **CCFFD3**, and if you desaturate by 10%, it is **FFFFFF**.

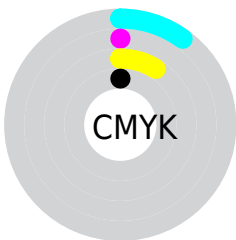
# Distribution



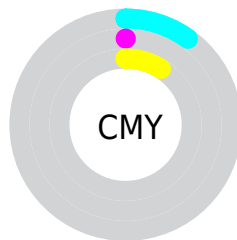
- Red (90%)
- Green (100%)
- Blue (91%)



- Red (90%)
- Yellow (99%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5FFE9 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 E5FFE9 by changing the saturation by 10% instead.



 E5FFE9

FFFFFF

 E5FFE9

 C9E2CD

 ADC6B1

 93AB97

 79907D

 607764

 485E4C

 314635

 1C3020

 041B09

 E5FFE9

 E5FFE9

 CCFFD3

FFFFFF

 B2FFBE

 99FFA8

 7FFF93

 66FF7D

 4CFF68

 33FF52

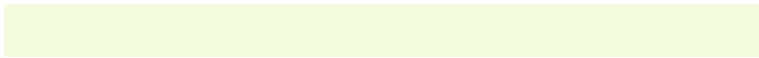
 19FF3C

 00FF27

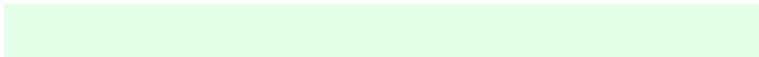
# Harmonies

## Analogous

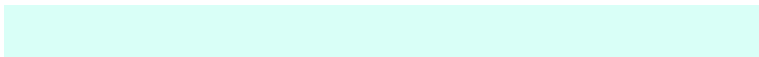
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F5BDF



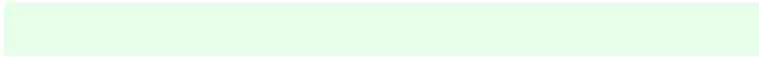
E5FFE9



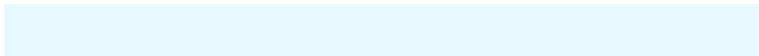
D9FFF7

# Triad

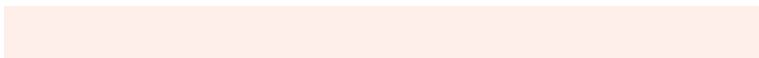
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E5FFE9



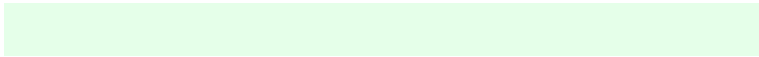
E8FAFF



FFEFE9

# Complementary

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



E5FFE9



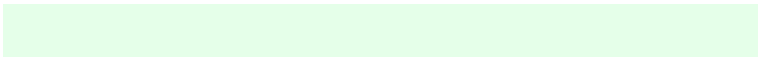
FFE5FB

# 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.



FFEFFA



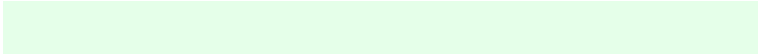
E5FFE9



FAF5FF

# Square

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



E5FFE9



DAFEFF



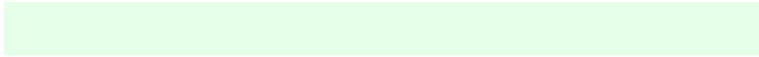
FFF1FF



FFF2E1

# Rectangle

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



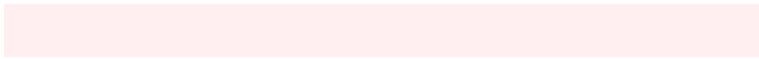
E5FFE9



D5FFFF



FFF1FF

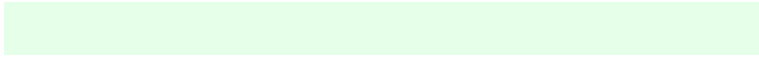


FFEFF0



# Sweetspot

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



E5FFE9



F7FFF9



FBFFE5



7A807B



000000

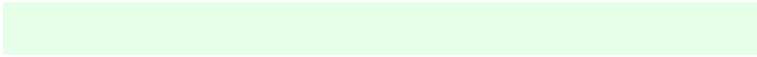


808080

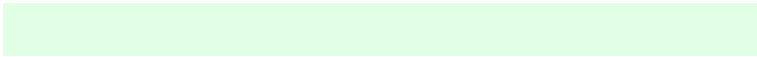


# Same Dimension

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



E5FFE9



E0FFE5



E5FFF6



738075



00BF1D



00400A



# Inverse Universe

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



FFE5FB



FFE0FA



FFE5EE



80737E



BF00A2



400036



# Previews

## White Background



This preview shows how the Hex color E5FFE9 looks on a white background.

## Color Contrast Check

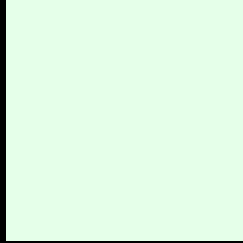
Large Text (above 18pt) WCAG AA × Fail

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 E5FFE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

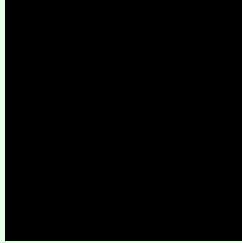
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

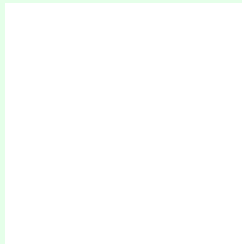
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E5FFE9 Background



This preview shows how black text looks on a background with the Hex color E5FFE9.

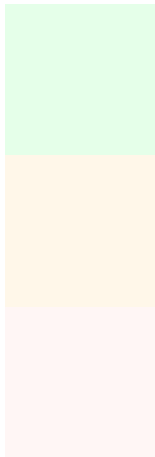


This preview shows how white text looks on a background with the Hex color E5FFE9.

# 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**  
E5FFE9

**Protanopia**  
FFF7E9

**Deuteranopia**  
FFF6F5

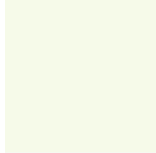


**Tritanopia**  
F4F9FF

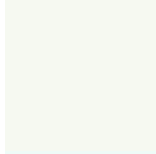
# Trichromacy



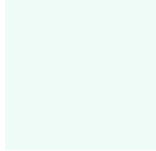
**Original Color**  
E5FFE9



**Protanomaly**  
F6FAE9



**Deuteranomaly**  
F6F9F1

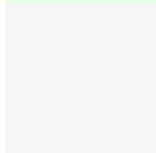


**Tritanomaly**  
EFFBF7

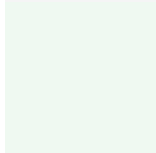
# Monochromacy



**Original Color**  
E5FFE9



**Achromatopsia**  
F5F5F5



**Achromatomaly**  
EFF9F1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5FFE9 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 #E5FFE9 looks like.

```
.text, #text, p{  
    color:#E5FFE9  
}
```

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 #E5FFE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5FFE9
}
```

## Border

The CSS property to change the border of an element to Hex E5FFE9 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
#E5FFE9 }
```

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

```
.border{ border-color:#E5FFE9 }
```

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

Here you see how a box with a 4 pixel #E5FFE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5FFE9; -webkit-box-shadow:4px 4px  
4px 4px #E5FFE9; box-shadow:4px 4px 4px  
4px #E5FFE9 }
```

# Background

The CSS property to change the background color of an element to Hex E5FFE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5FFE9 }
```

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

```
.background{ background-color:#E5FFE9 }
```

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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