

# Converting Colors

Hex(E3FCC9)

Have a look what the booklet for  
Hex(E3FCC9) contains.

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# **Color**

**Hex(E3FCC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3FCC9
RGB	227, 252, 201
RGB Percent	89%, 99%, 79%
CMY	0.1098, 0.0118, 0.2118
CMYK	0.10, 0.00, 0.20, 0.01
HSL	89°, 89%, 89%
HSV	89°, 20%, 99%
XYZ	77.0316, 90.1687, 68.6027
YIQ	238.7110, 1.4710, -21.1610

# Conversions

## Conversions Part 2

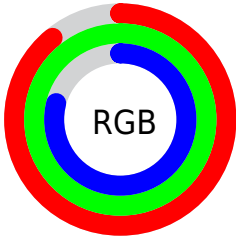
Format	Color
<a href="#">RYB</a>	<a href="#">201, 252, 226</a>
Decimal	<a href="#">14941385</a>
CIELab	<a href="#">96.07, -16.87, 21.76</a>
CIELCh	<a href="#">96, 27.536, 127.790</a>
Yxy	<a href="#">90.1687, 0.3267, 0.3824</a>
Android (android.graphics.Color)	<a href="#">4293131465 (0xFFE3FCC9)</a>
YUV	<a href="#">238.7110, -18.5915, -10.2705</a>
Hunter-Lab	<a href="#">94.9572, -21.3717, 23.6355</a>

# Details

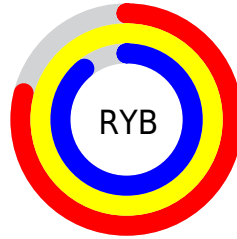
The Hex color **E3FCC9** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E2C9FC**, and the grayscale version is **EFEFEF**.

A 20% lighter version of the original color is **FFFFFF**, and **ABC393** is the 20% darker color. If you saturate the color by 10%, you get **D7FCB0**, and if you desaturate by 10%, it is **EFFCE2**.

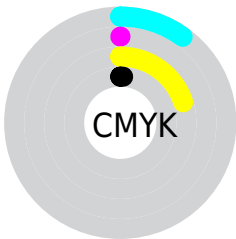
# Distribution



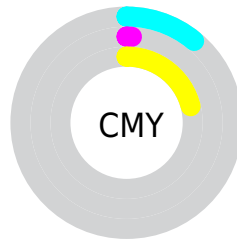
- Red (89%)
- Green (99%)
- Blue (79%)



- Red (79%)
- Yellow (99%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)



- Cyan (11%)
- Magenta (1%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3FCC9 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 E3FCC9 by changing the saturation by 10% instead.



 E3FCC9

FFFFFF

 E3FCC9

 C7DFAE

 ABC393

 91A879

 778E60

 5D7448

 455B31

 2E441B

 192D03

 001A00

 E3FCC9

 E3FCC9

 D7FCB0

 EFFCE2

 CAFC97

 FCFCFB

 BEFC7D

 FFFCFF

 B2FC64

 A5FC4B

 99FC32

 8DFC19

 80FC00

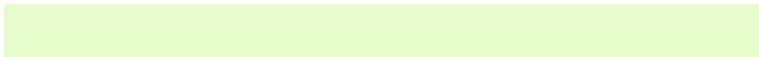
# Harmonies

## Analogous

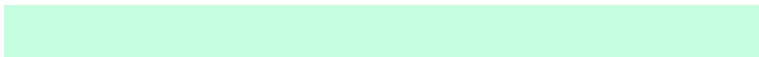
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF4BF



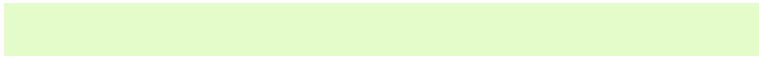
E3FCC9



C5FFDF

# Triad

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



E3FCC9



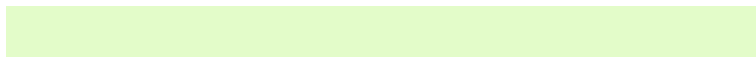
BCFCFF



FFE1EE

# Complementary

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



E3FCC9



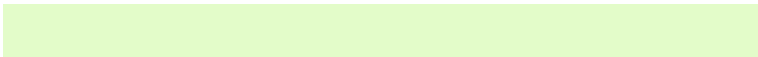
E2C9FC

# Split Complementary

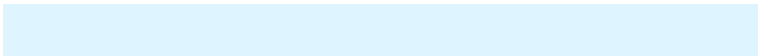
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE3FF



E3FCC9



DEF4FF

# Square

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



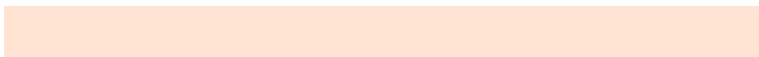
E3FCC9



AAFFFF



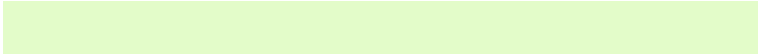
FFEBFF



FFE4D4

# Rectangle

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



E3FCC9



B5FFF1



FFEBFF

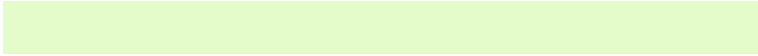


FFE1F7



# Sweetspot

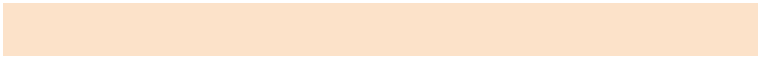
The Sweet Spot groups the original color and five complimentary colors.



E3FCC9



F8FFF0



FCE2C9



7B8077



000000

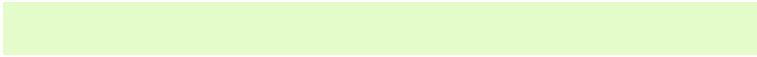


808080

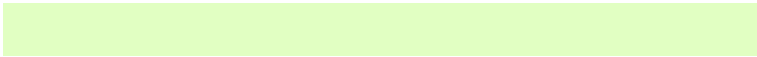


# Same Dimension

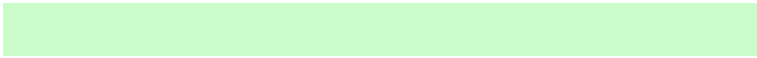
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E3FCC9



E1FFC2



CAFCC9



777D70



60BD00



1F3D00



# Inverse Universe

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



E2C9FC



E0C2FF



FBC9FC



77707D



5D00BD

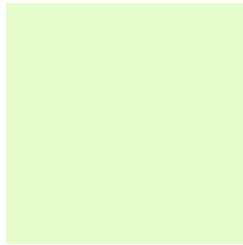


1E003D



# Previews

## White Background



This preview shows how the Hex color E3FCC9 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 E3FCC9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

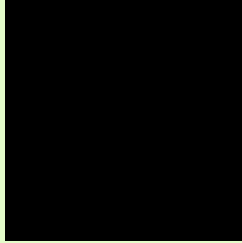
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

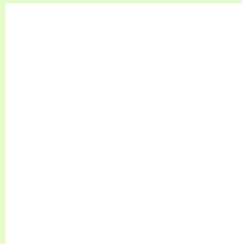
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3FCC9 Background



This preview shows how black text looks on a background with the Hex color E3FCC9.

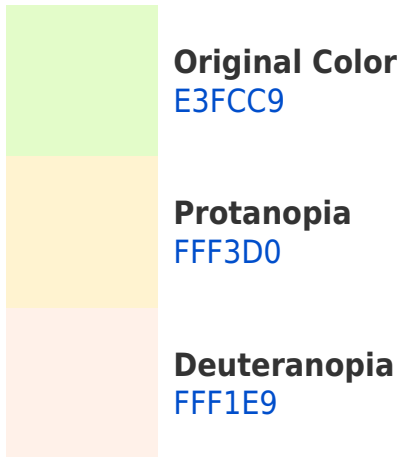


This preview shows how white text looks on a background with the Hex color E3FCC9.

# 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



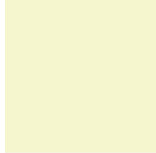


**Tritanopia**  
EFF3FF

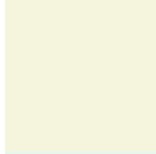
# Trichromacy



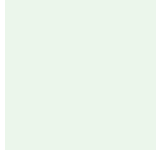
**Original Color**  
E3FCC9



**Protanomaly**  
F5F6CD



**Deuteranomaly**  
F5F5DD

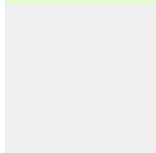


**Tritanomaly**  
EBF6EB

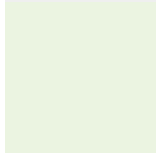
# Monochromacy



**Original Color**  
E3FCC9



**Achromatopsia**  
EFEFEF



**Achromatomaly**  
EBF4E1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3FCC9 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 #E3FCC9 looks like.

```
.text, #text, p{  
    color:#E3FCC9  
}
```

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 #E3FCC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3FCC9
}
```

## Border

The CSS property to change the border of an element to Hex E3FCC9 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
#E3FCC9 }
```

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

```
.border{ border-color:#E3FCC9 }
```

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

Here you see how a box with a 4 pixel #E3FCC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3FCC9; -webkit-box-shadow:4px 4px  
4px 4px #E3FCC9; box-shadow:4px 4px 4px  
4px #E3FCC9 }
```

# Background

The CSS property to change the background color of an element to Hex E3FCC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3FCC9 }
```

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

```
.background{ background-color:#E3FCC9 }
```

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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