

# Converting Colors

Hex(E3FFE4)

Have a look what the booklet for  
Hex(E3FFE4) contains.

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# Color

**Hex(E3FFE4)**

# Conversions

Conversions Part 1	
Format	Color
Hex	E3FFE4
RGB	227, 255, 228
RGB Percent	89%, 100%, 89%
CMY	0.1098, 0.0000, 0.1059
CMYK	0.11, 0.00, 0.11, 0.00
HSL	122°, 100%, 95%
HSV	122°, 11%, 100%
XYZ	81.4421, 93.4523, 87.1444
YIQ	243.5500, -8.0210, -14.3330

# Conversions

## Conversions Part 2

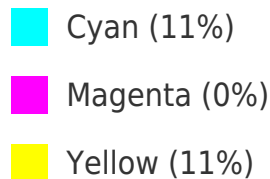
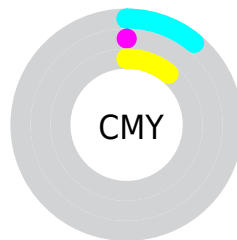
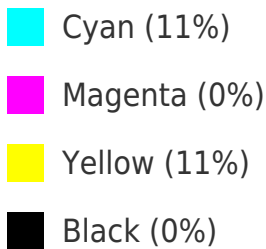
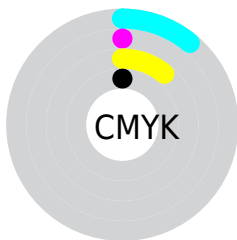
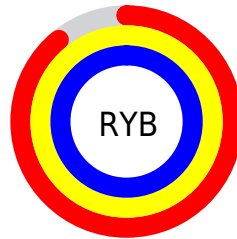
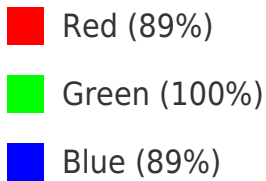
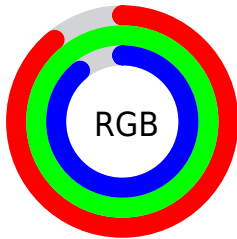
Format	Color
<a href="#">RYB</a>	<a href="#">227, 254, 255</a>
Decimal	<a href="#">14942180</a>
CIELab	<a href="#">97.41, -13.93, 9.85</a>
CIELCh	<a href="#">97, 17.062, 144.757</a>
Yxy	<a href="#">93.4523, 0.3108, 0.3566</a>
Android (android.graphics.Color)	<a href="#">4293132260</a> <a href="#">(0xFFE3FFE4)</a>
YUV	<a href="#">243.5500, -7.6661, -14.5143</a>
Hunter-Lab	<a href="#">96.6707, -18.7930, 14.2222</a>

# Details

The Hex color **E3FFE4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **FFE3FE**, and the grayscale version is **F4F4F4**.

A 20% lighter version of the original color is **FFFFFF**, and **ABC6AD** is the 20% darker color. If you saturate the color by 10%, you get **CAFFCB**, and if you desaturate by 10%, it is **FCFFFD**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color E3FFE4 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 E3FFE4 by changing the saturation by 10% instead.



 E3FFE4

FFFFFF

 E3FFE4

 C7E2C8

 ABC6AD

 91AB92

 779078

 5E7760

 465E48

 2F4631

 1A301C

 021B02

 E3FFE4

 E3FFE4

 CAFFCB

 FCFFFD

 B0FFB3

FFFFFF

 96FF9A

 7DFF82

 63FF69

 4AFF50

 31FF38

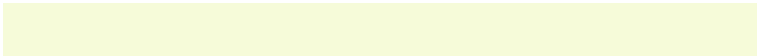
 17FF1F

 00FF09

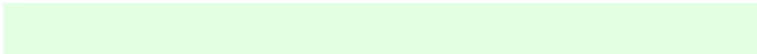
# Harmonies

## Analogous

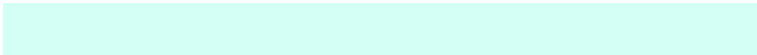
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F6FBD9



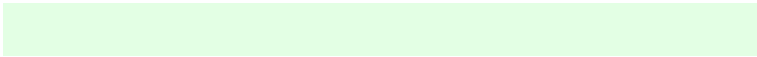
E3FFE4



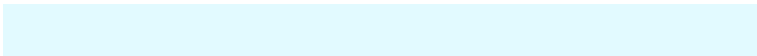
D4FFF4

# Triad

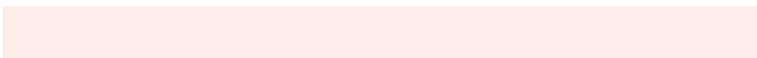
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E3FFE4



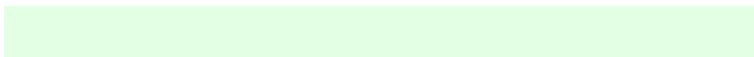
E2FAFF



FFEDEA

# Complementary

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



E3FFE4



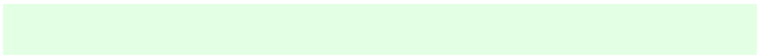
FFE3FE

# 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.



FFECFB



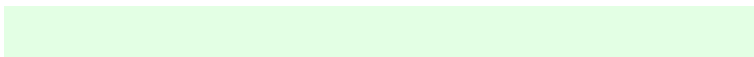
E3FFE4



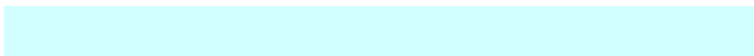
F7F4FF

# Square

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



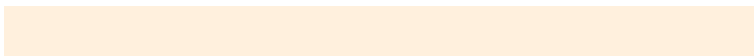
E3FFE4



D2FEFF



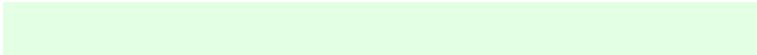
FFEFFF



FFF0DD

# Rectangle

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



E3FFE4



CEFFFF



FFEFFF

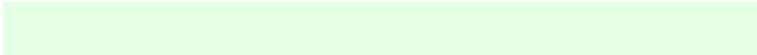


FFECF0



# Sweetspot

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



E3FFE4



F7FFF8



FEFFE3



7A807B



000000

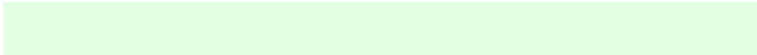


808080

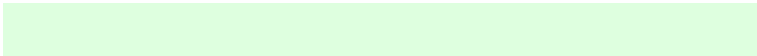


# Same Dimension

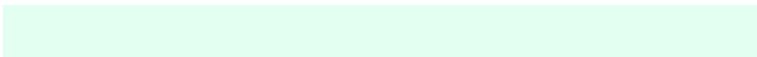
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E3FFE4



DEFFDF



E3FFF2



738073



00BF07



004002



# Inverse Universe

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



FFE3FE



FFDEFE



FFE3F0



80737F



BF00B8

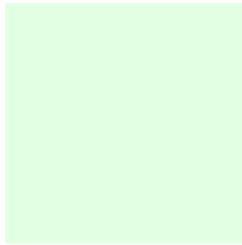


40003D



# Previews

## White Background



This preview shows how the Hex color E3FFE4 looks on a white background.

## Color Contrast Check

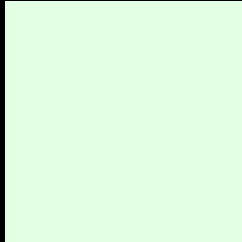
Large Text (above 18pt) WCAG AA × Fail

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 E3FFE4 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

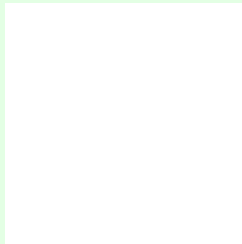
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3FFE4 Background



This preview shows how black text looks on a background with the Hex color E3FFE4.

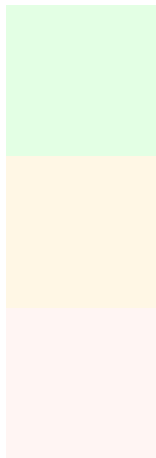


This preview shows how white text looks on a background with the Hex color E3FFE4.

# 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




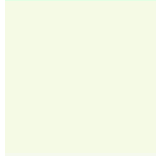
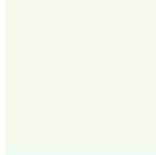
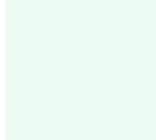
**Original Color**  
E3FFE4

**Protanopia**  
FFF7E5


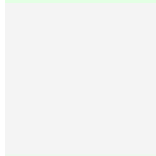
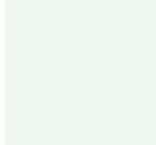
**Deuteranopia**  
FFF5F3



# Trichromacy

	<b>Original Color</b> E3FFE4
	<b>Protanomaly</b> F5FAE5
	<b>Deuteranomaly</b> F5F9EE
	<b>Tritanomaly</b> EDFBF5

# Monochromacy

	<b>Original Color</b> E3FFE4
	<b>Achromatopsia</b> F4F4F4
	<b>Achromatomaly</b> EEF8EE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3FFE4 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 #E3FFE4 looks like.

```
.text, #text, p{  
    color:#E3FFE4  
}
```

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 #E3FFE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3FFE4
}
```

## Border

The CSS property to change the border of an element to Hex E3FFE4 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
#E3FFE4 }
```

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

```
.border{ border-color:#E3FFE4 }
```

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

Here you see how a box with a 4 pixel #E3FFE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3FFE4; -webkit-box-shadow:4px 4px  
4px 4px #E3FFE4; box-shadow:4px 4px 4px  
4px #E3FFE4 }
```

# Background

The CSS property to change the background color of an element to Hex E3FFE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3FFE4 }
```

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

```
.background{ background-color:#E3FFE4 }
```

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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