

# Converting Colors

Hex(E3FFD4)

Have a look what the booklet for  
Hex(E3FFD4) contains.

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# **Color**

**Hex(E3FFD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3FFD4
RGB	227, 255, 212
RGB Percent	89%, 100%, 83%
CMY	0.1098, 0.0000, 0.1686
CMYK	0.11, 0.00, 0.17, 0.00
HSL	99°, 100%, 92%
HSV	99°, 17%, 100%
XYZ	79.3222, 92.6044, 75.9811
YIQ	241.7260, -2.8850, -19.3090

# Conversions

## Conversions Part 2

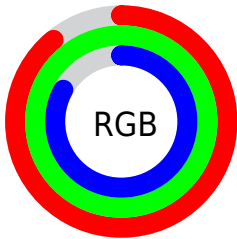
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 255, 240
Decimal	14942164
CIE Lab	97.07, -16.61, 17.55
CIE LCh	97, 24.160, 133.427
Yxy	92.6044, 0.3200, 0.3735
Android (android.graphics.Color)	4293132244 (0xFFE3FFD4)
YUV	241.7260, -14.6549, -12.9147
Hunter-Lab	96.2312, -21.2691, 20.5483

# Details

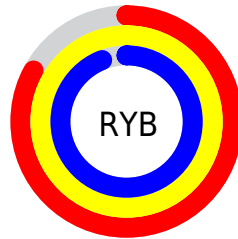
The Hex color **E3FFD4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F0D4FF**, and the grayscale version is **F2F2F2**.

A 20% lighter version of the original color is **FFFFFF**, and **ABC69D** is the 20% darker color. If you saturate the color by 10%, you get **D2FFBB**, and if you desaturate by 10%, it is **F4FFEE**.

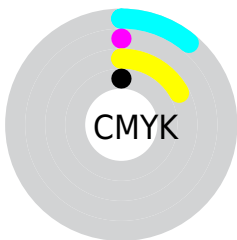
# Distribution



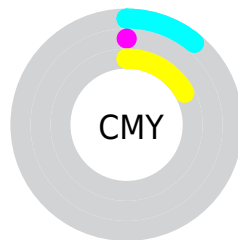
- Red (89%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (94%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3FFD4 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 E3FFD4 by changing the saturation by 10% instead.



 E3FFD4

FFFFFF

 E3FFD4

 C7E2B8

 ABC69D

 91AB83

 77906A

 5E7752

 465E3A

 2F4624

 19300F

 001C00

 E3FFD4

 E3FFD4

 D2FFBB

 F4FFEE

 C2FFA1

FFFFFF

 B1FF88

 A1FF6E

 90FF55

 7FFF3B

 6FFF21

 5EFF08

 59FF00

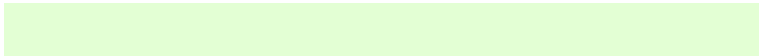
# Harmonies

## Analogous

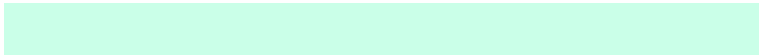
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FEF8C9



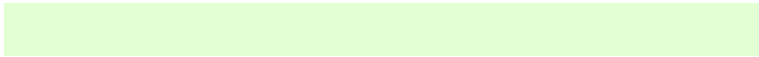
E3FFD4



CAFFE8

# Triad

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



E3FFD4



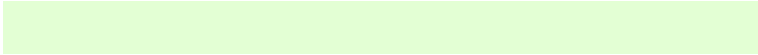
CCFDFF



FFE6ED

# Complementary

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



E3FFD4



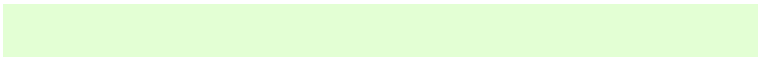
F0D4FF

# Split Complementary

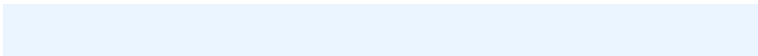
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE8FF



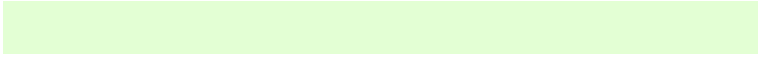
E3FFD4



EAF5FF

# Square

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



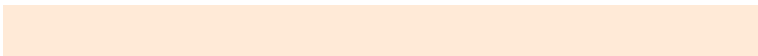
E3FFD4



BAFFFF



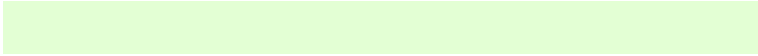
FFEDFF



FFEAD7

# Rectangle

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



E3FFD4



BEFFF8



FFEDFF

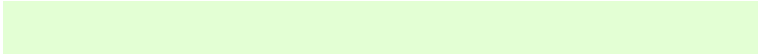


FFE6F5



# Sweetspot

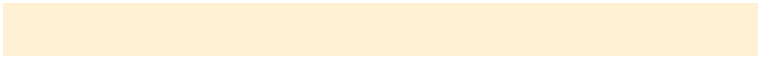
The Sweet Spot groups the original color and five complimentary colors.



E3FFD4



F7FFF2



FFF0D4



7B8078



000000

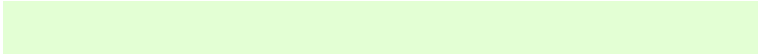


808080

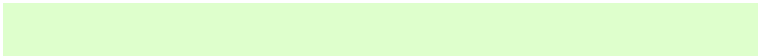


# Same Dimension

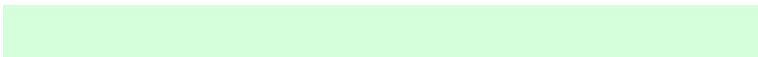
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E3FFD4



DEFFCC



D4FFDA



778073



43BF00



164000



# Inverse Universe

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



F0D4FF



EDCCFF



FFD4F9



7B7380



7D00BF

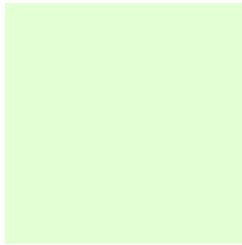


2A0040



# Previews

## White Background



This preview shows how the Hex color E3FFD4 looks on a white background.

## Color Contrast Check

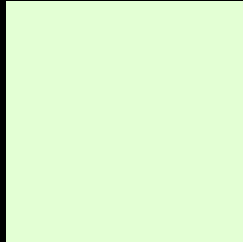
Large Text (above 18pt) WCAG AA × Fail

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 E3FFD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

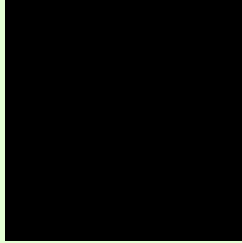
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

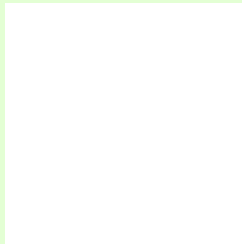
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3FFD4 Background



This preview shows how black text looks on a background with the Hex color E3FFD4.

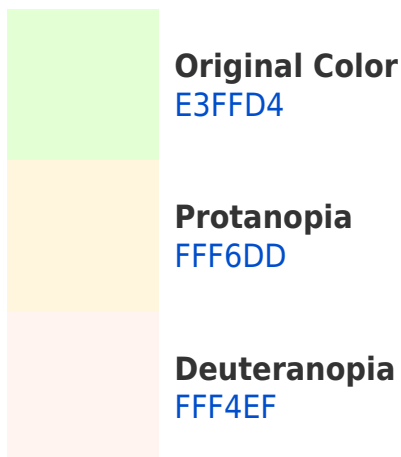


This preview shows how white text looks on a background with the Hex color E3FFD4.

# 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



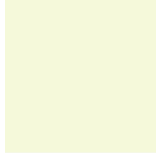


**Tritanopia**  
F2F7FF

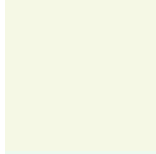
# Trichromacy



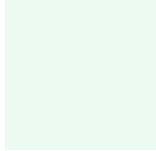
**Original Color**  
E3FFD4



**Protanomaly**  
F5F9DA

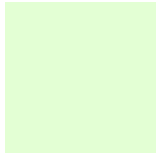


**Deuteranomaly**  
F5F8E5

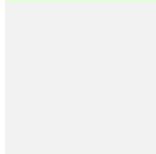


**Tritanomaly**  
EDFAEF

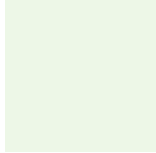
# Monochromacy



**Original Color**  
E3FFD4



**Achromatopsia**  
F2F2F2



**Achromatomaly**  
EDF7E7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3FFD4 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 #E3FFD4 looks like.

```
.text, #text, p{  
    color:#E3FFD4  
}
```

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 #E3FFD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3FFD4
}
```

## Border

The CSS property to change the border of an element to Hex E3FFD4 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
#E3FFD4 }
```

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

```
.border{ border-color:#E3FFD4 }
```

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

Here you see how a box with a 4 pixel #E3FFD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3FFD4; -webkit-box-shadow:4px 4px  
4px 4px #E3FFD4; box-shadow:4px 4px 4px  
4px #E3FFD4 }
```

# Background

The CSS property to change the background color of an element to Hex E3FFD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3FFD4 }
```

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

```
.background{ background-color:#E3FFD4 }
```

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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