

# Converting Colors

Hex(E4FFB8)

Have a look what the booklet for  
Hex(E4FFB8) contains.

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# **Color**

**Hex(E4FFB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4FFB8
RGB	228, 255, 184
RGB Percent	89%, 100%, 72%
CMY	0.1059, 0.0000, 0.2784
CMYK	0.11, 0.00, 0.28, 0.00
HSL	83°, 100%, 86%
HSV	83°, 28%, 100%
XYZ	76.4066, 91.4747, 58.9767
YIQ	238.8330, 6.6990, -27.8050

# Conversions

## Conversions Part 2

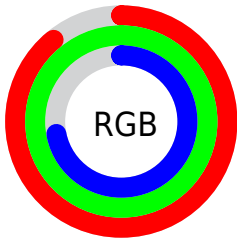
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 255, 211
Decimal	15007672
CIELab	96.61, -20.46, 31.12
CIELCh	97, 37.239, 123.325
Yxy	91.4747, 0.3368, 0.4032
Android (android.graphics.Color)	4293197752 (0xFFE4FFB8)
YUV	238.8330, -27.0327, -9.5005
Hunter-Lab	95.6424, -24.7744, 30.3892

# Details

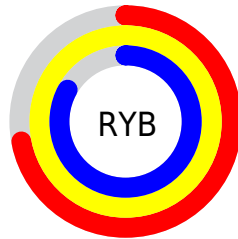
The Hex color **E4FFB8** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **D3B8FF**, and the grayscale version is **EFEFEF**.

A 20% lighter version of the original color is **FFFFFF0**, and **ACC682** is the 20% darker color. If you saturate the color by 10%, you get **DAFF9F**, and if you desaturate by 10%, it is **EEFFD2**.

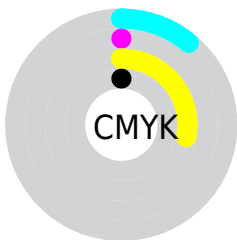
# Distribution



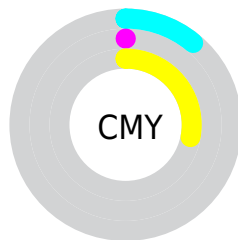
- Red (89%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4FFB8 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 E4FFB8 by changing the saturation by 10% instead.



 E4FFB8

FFFFFF

 FFFFF0

 E4FFB8

 C8E29D

 ACC682

 91AB69

 779050

 5D7738

 445E21

 2D4609

 172F00

 001C00

 E4FFB8

 E4FFB8

 DAFF9F

 EEFFD2

 D1FF85

 F7FFEB

 C7FF6B

FFFFFF

 BDFF52

 B4FF39

 AAFF1F

 A0FF06

 9EFF00

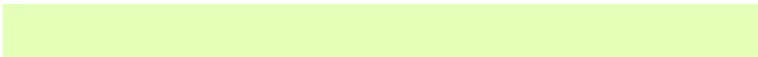
# Harmonies

## Analogous

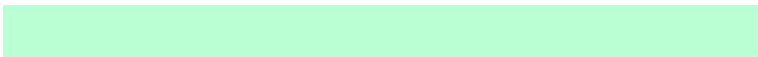
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF4AD



E4FFB8



BAFFD4

# Triad

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



E4FFB8



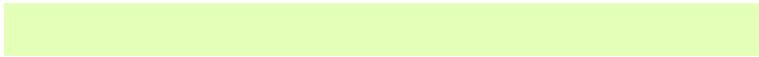
9CFFFF



FFDAF2

# Complementary

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



E4FFB8



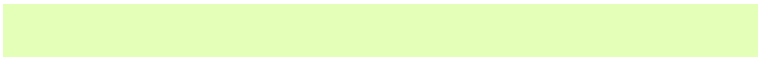
D3B8FF

# Split Complementary

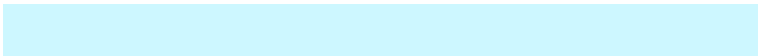
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDFFF



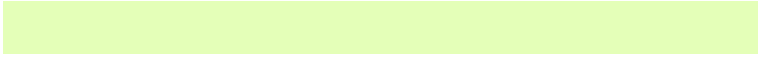
E4FFB8



CDF7FF

# Square

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



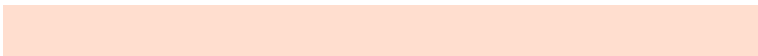
E4FFB8



85FFFF



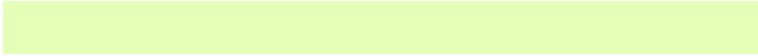
FFEBFF



FFDECF

# Rectangle

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



E4FFB8



A0FFEC



FFEBFF

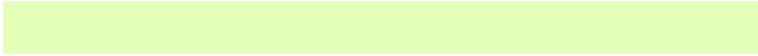


FFDBFF

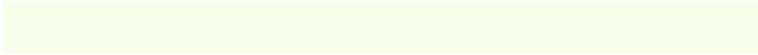


# Sweetspot

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



E4FFB8



F7FFEB



FFD2B8



7B8073



000000

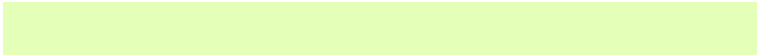


808080

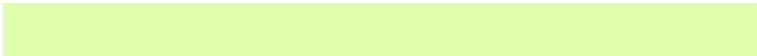


# Same Dimension

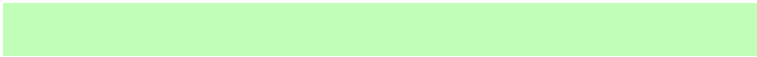
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E4FFB8



DFFFAB



C1FFB8



7B8073



77BF00



284000



# Inverse Universe

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



D3B8FF



CBABFF



F6B8FF



787380



4900BF

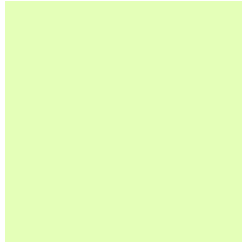


180040



# Previews

## White Background



This preview shows how the Hex color E4FFB8 looks on a white background.

## Color Contrast Check

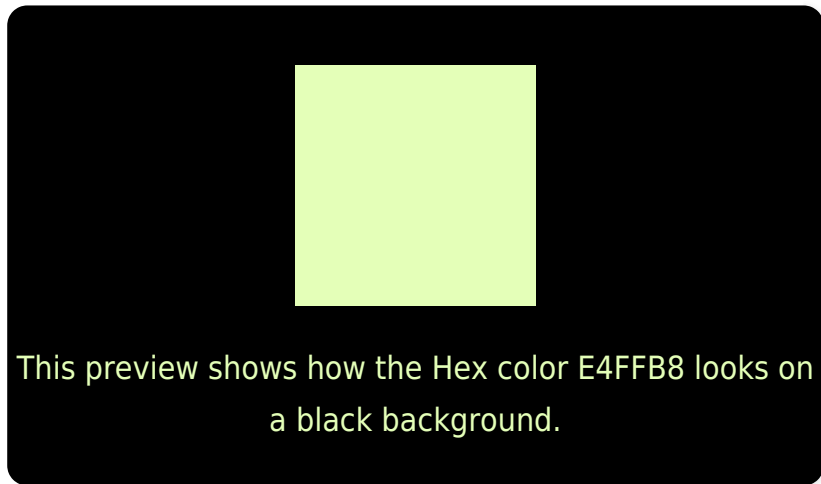
Large Text (above 18pt) WCAG AA × Fail

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

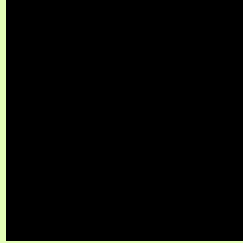
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

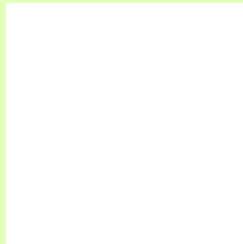
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4FFB8 Background



This preview shows how black text looks on a background with the Hex color E4FFB8.

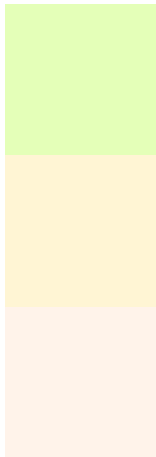


This preview shows how white text looks on a background with the Hex color E4FFB8.

# 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**  
E4FFB8

**Protanopia**  
FFF5D4

**Deuteranopia**  
FFF3EA

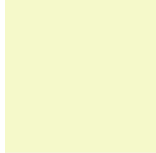


**Tritanopia**  
F2F5FF

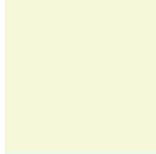
# Trichromacy



**Original Color**  
E4FFB8



**Protanomaly**  
F5F9CA



**Deuteranomaly**  
F5F7D8

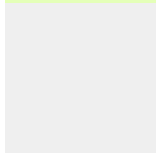


**Tritanomaly**  
EDF9E5

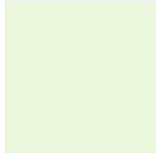
# Monochromacy



**Original Color**  
E4FFB8



**Achromatopsia**  
EFEFEF



**Achromatomaly**  
EBF5DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4FFB8 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 #E4FFB8 looks like.

```
.text, #text, p{  
    color:#E4FFB8  
}
```

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 #E4FFB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4FFB8
}
```

## Border

The CSS property to change the border of an element to Hex E4FFB8 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
#E4FFB8 }
```

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

```
.border{ border-color:#E4FFB8 }
```

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

Here you see how a box with a 4 pixel #E4FFB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4FFB8; -webkit-box-shadow:4px 4px  
4px 4px #E4FFB8; box-shadow:4px 4px 4px  
4px #E4FFB8 }
```

# Background

The CSS property to change the background color of an element to Hex E4FFB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4FFB8 }
```

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

```
.background{ background-color:#E4FFB8 }
```

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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