

Converting Colors

Hex(E3FFB2)

Have a look what the booklet for
Hex(E3FFB2) contains.

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Color

Hex(E3FFB2)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFB2
RGB	227, 255, 178
RGB Percent	89%, 100%, 70%
CMY	0.1098, 0.0000, 0.3020
CMYK	0.11, 0.00, 0.30, 0.00
HSL	82°, 100%, 85%
HSV	82°, 30%, 100%
XYZ	75.4744, 91.0652, 55.7189
YIQ	237.8500, 8.0290, -29.8830

Conversions

Conversions Part 2

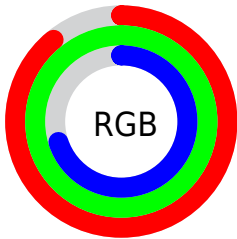
Format	Color
RYB	178, 255, 206
Decimal	14942130
CIELab	96.44, -21.63, 33.88
CIELCh	96, 40.201, 122.554
Yxy	91.0652, 0.3396, 0.4097
Android (android.graphics.Color)	4293132210 (0xFFE3FFB2)
YUV	237.8500, -29.5060, -9.5154
Hunter-Lab	95.4281, -25.8229, 32.1812

Details

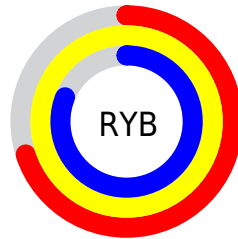
The Hex color **E3FFB2** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CEB2FF**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFFEA**, and **ABC67D** is the 20% darker color. If you saturate the color by 10%, you get **DAFF98**, and if you desaturate by 10%, it is **ECFFCB**.

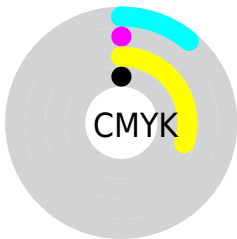
Distribution



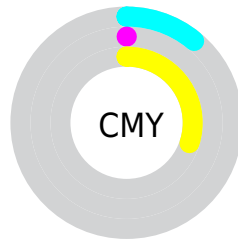
- Red (89%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3FFB2 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 E3FFB2 by changing the saturation by 10% instead.

 E3FFB2

FFFFFF

 FFFFEA

 E3FFB2

 C7E297

 ABC67D

 90AB63

 75904A

 5C7732

 435E1B

 2B4601

 142F00

 001C00

 E3FFB2

 E3FFB2

 DAFF98

 ECFFCB

 D0FF7F

 F6FFE5

 C7FF65

 FFFFFFFF

 BEFF4C

 B5FF32

 ABFF19

 A2FF00

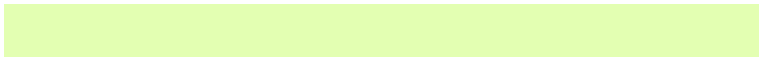
Harmonies

Analogous

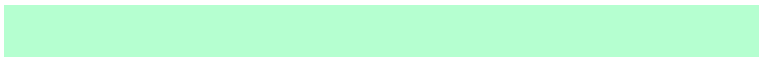
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF3A7



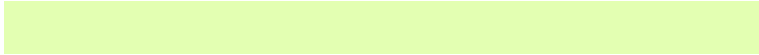
E3FFB2



B5FFD0

Triad

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



E3FFB2



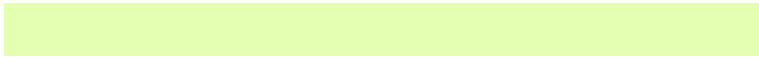
8FFFFFF



FFD8F3

Complementary

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



E3FFB2



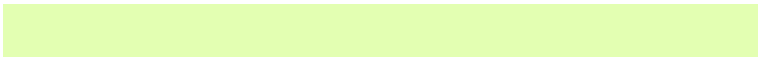
CEB2FF

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.



FFDDFF



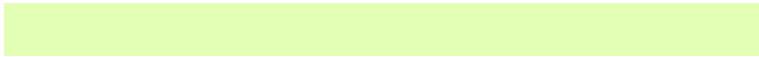
E3FFB2



C6F7FF

Square

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



E3FFB2



75FFFF



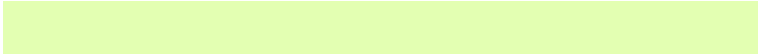
FFEAFF



FFDBCD

Rectangle

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



E3FFB2



98FFE9



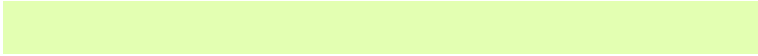
FFEAFF



FFD8FF

Sweetspot

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



E3FFB2



F7FFE8



FFCDB2



7A8071



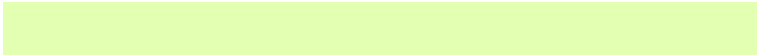
000000



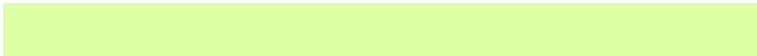
808080

Same Dimension

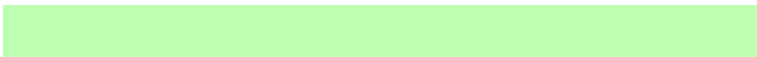
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E3FFB2



DEFFA3



BEFFB2



7B8073



7ABF00



294000

Inverse Universe

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



CEB2FF



C5A3FF



F3B2FF



777380



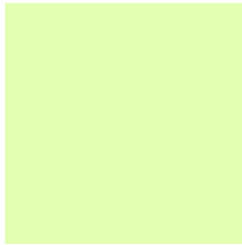
4600BF



170040

Previews

White Background



This preview shows how the Hex color E3FFB2 looks on a white background.

Color Contrast Check

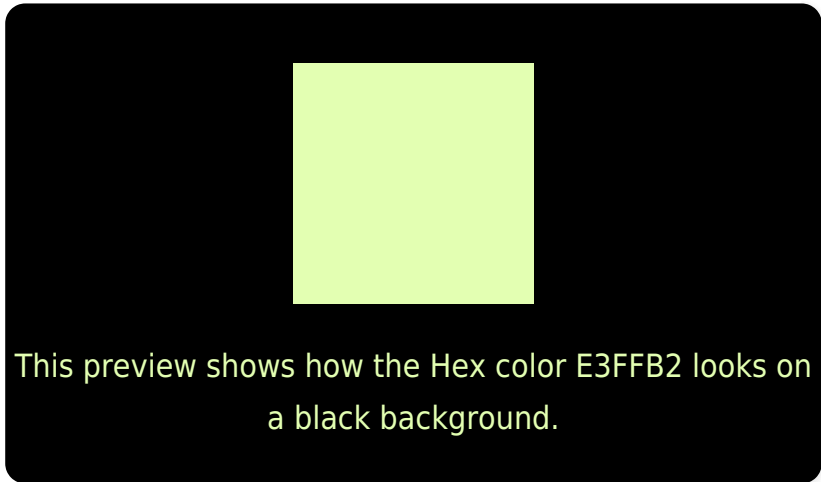
Large Text (above 18pt) WCAG AA × Fail

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

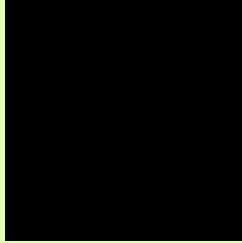
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

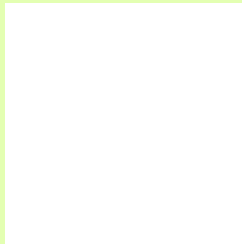
Any Text WCAG AAA ✓ Pass

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

Hex E3FFB2 Background



This preview shows how black text looks on a background with the Hex color E3FFB2.

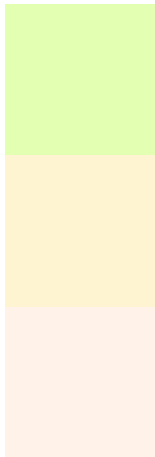


This preview shows how white text looks on a background with the Hex color E3FFB2.

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
E3FFB2

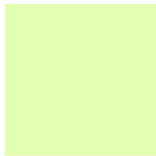
Protanopia
FFF4D1

Deuteranopia
FFF2E8

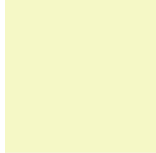


Tritanopia
F1F4FF

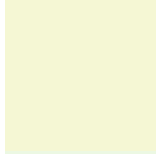
Trichromacy



Original Color
E3FFB2



Protanomaly
F5F8C6



Deuteranomaly
F5F7D4

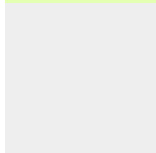


Tritanomaly
ECF8E3

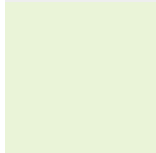
Monochromacy



Original Color
E3FFB2



Achromatopsia
EEEEEE



Achromatomaly
EAF4D8

CSS Examples

Text

The CSS property to change the color of the text to Hex E3FFB2 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 #E3FFB2 looks like.

```
.text, #text, p{  
    color:#E3FFB2  
}
```

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 #E3FFB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3FFB2
}
```

Border

The CSS property to change the border of an element to Hex E3FFB2 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
#E3FFB2 }
```

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

```
.border{ border-color:#E3FFB2 }
```

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

Here you see how a box with a 4 pixel #E3FFB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3FFB2; -webkit-box-shadow:4px 4px  
4px 4px #E3FFB2; box-shadow:4px 4px 4px  
4px #E3FFB2 }
```

Background

The CSS property to change the background color of an element to Hex E3FFB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3FFB2 }
```

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

```
.background{ background-color:#E3FFB2 }
```

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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