

Converting Colors

Hex(E3FD8D)

Have a look what the booklet for
Hex(E3FD8D) contains.

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Color

Hex(E3FD8D)

Conversions

Conversions Part 1

Format	Color
Hex	E3FD8D
RGB	227, 253, 141
RGB Percent	89%, 99%, 55%
CMY	0.1098, 0.0078, 0.4471
CMYK	0.10, 0.00, 0.44, 0.01
HSL	74°, 97%, 77%
HSV	74°, 44%, 99%
XYZ	71.6116, 88.5045, 38.5081
YIQ	232.4580, 20.4560, -40.3440

Conversions

Conversions Part 2

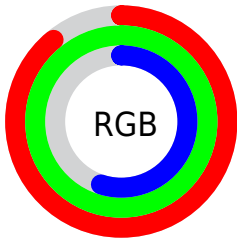
Format	Color
RYB	141, 253, 167
Decimal	14941581
CIELab	95.37, -25.08, 50.59
CIELCh	95, 56.464, 116.375
Yxy	88.5045, 0.3605, 0.4456
Android (android.graphics.Color)	4293131661 (0xFFE3FD8D)
YUV	232.4580, -45.0888, -4.7867
Hunter-Lab	94.0769, -28.7598, 41.5849

Details

The Hex color **E3FD8D** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A78DFD**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFC4**, and **AAC458** is the 20% darker color. If you saturate the color by 10%, you get **DDFD74**, and if you desaturate by 10%, it is **E9FDA6**.

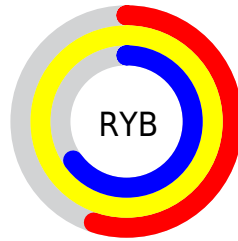
Distribution



Red (89%)

Green (99%)

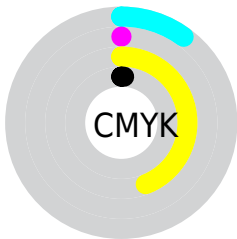
Blue (55%)



Red (55%)

Yellow (99%)

Blue (65%)

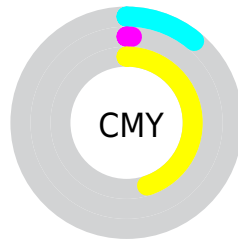


Cyan (10%)

Magenta (0%)

Yellow (44%)

Black (1%)



Cyan (11%)

Magenta (1%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3FD8D 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 E3FD8D by changing the saturation by 10% instead.

 E3FD8D

 E3FD8D

FFFFFF

 C6E072

 FFFFC4

 AAC458

 FFFFE1

 8EA93E


FFFFFFE

 738F23

 597500

 3F5C00

 264400

 082E00

 001B00

 E3FD8D

 E3FD8D

 DDFD74

 E9FDA6

 D7FD5A

 EFFDC0

 D1FD41

 F5FDD9

 CCFD28

 FAFDF2

 C6FD0F

 FFFDFF

 C2FD00

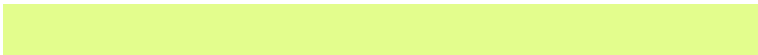
Harmonies

Analogous

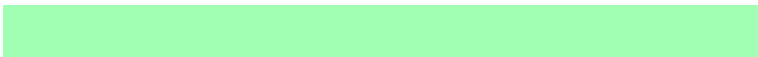
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEC83



E3FD8D



A1FFB3

Triad

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



E3FD8D



00FFFF



FFC6FB

Complementary

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



E3FD8D



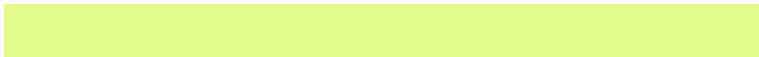
A78DFD

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.



FFD2FF



E3FD8D



8DF9FF

Square

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



E3FD8D



00FFFF



EDE6FF



FFC9C4

Rectangle

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



E3FD8D



6BFFD6



EDE6FF



FFC9FF

Sweetspot

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



E3FD8D



F7FFDE



FDA58D



7B806B



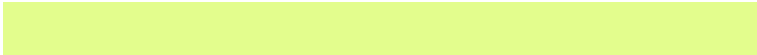
000000



808080

Same Dimension

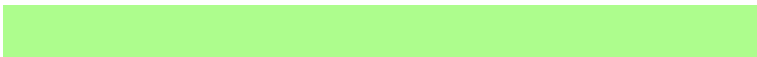
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E3FD8D



E0FF78



ADFD8D



7D8073



93BF00



314000

Inverse Universe

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



A78DFD



9778FF



DD8DFD



767380



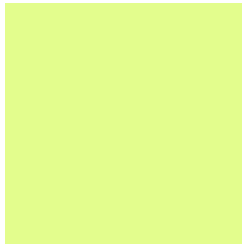
2C00BF



0F0040

Previews

White Background



This preview shows how the Hex color E3FD8D looks on a white background.

Color Contrast Check

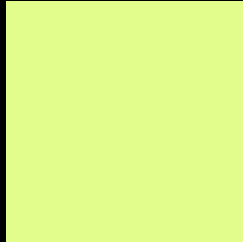
Large Text (above 18pt) WCAG AA × Fail

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 E3FD8D 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 E3FD8D Background



This preview shows how black text looks on a background with the Hex color E3FD8D.

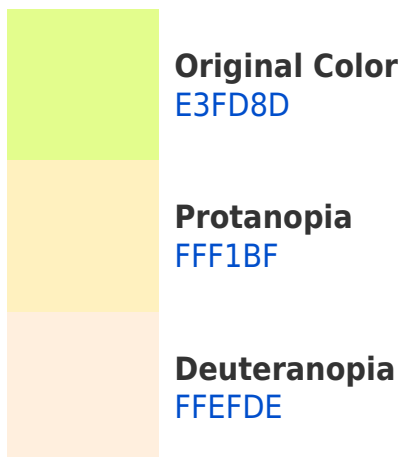


This preview shows how white text looks on a background with the Hex color E3FD8D.

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](#).

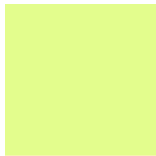
Dichromacy



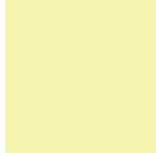


Tritanopia
F1F0FF

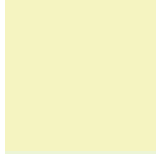
Trichromacy



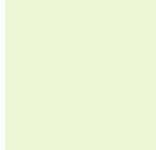
Original Color
E3FD8D



Protanomaly
F5F5AD

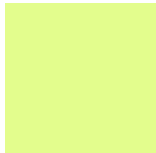


Deuteranomaly
F5F4C1

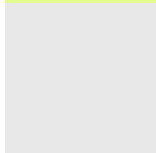


Tritanomaly
ECF5D6

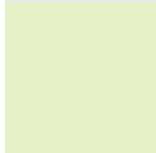
Monochromacy



Original Color
E3FD8D



Achromatopsia
E8E8E8



Achromatomaly
E6F0C7

CSS Examples

Text

The CSS property to change the color of the text to Hex E3FD8D 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 #E3FD8D looks like.

```
.text, #text, p{  
    color:#E3FD8D  
}
```

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 #E3FD8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3FD8D
}
```

Border

The CSS property to change the border of an element to Hex E3FD8D 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
#E3FD8D }
```

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

```
.border{ border-color:#E3FD8D }
```

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

Here you see how a box with a 4 pixel #E3FD8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3FD8D; -webkit-box-shadow:4px 4px  
4px 4px #E3FD8D; box-shadow:4px 4px 4px  
4px #E3FD8D }
```

Background

The CSS property to change the background color of an element to Hex E3FD8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3FD8D }
```

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

```
.background{ background-color:#E3FD8D }
```

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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