

Converting Colors

Hex(E3FD70)

Have a look what the booklet for
Hex(E3FD70) contains.

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Color

Hex(E3FD70)

Conversions

Conversions Part 1

Format	Color
Hex	E3FD70
RGB	227, 253, 112
RGB Percent	89%, 99%, 44%
CMY	0.1098, 0.0078, 0.5608
CMYK	0.10, 0.00, 0.56, 0.01
HSL	71°, 97%, 72%
HSV	71°, 56%, 99%
XYZ	69.7285, 87.7513, 28.5919
YIQ	229.1520, 29.7650, -49.3630

Conversions

Conversions Part 2

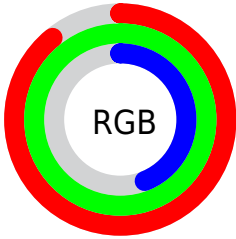
Format	Color
RYB	112, 253, 138
Decimal	14941552
CIELab	95.06, -27.74, 63.40
CIElCh	95, 69.207, 113.631
Yxy	87.7513, 0.3747, 0.4716
Android (android.graphics.Color)	4293131632 (0xFFE3FD70)
YUV	229.1520, -57.7559, -1.8873
Hunter-Lab	93.6757, -31.0641, 47.4764

Details

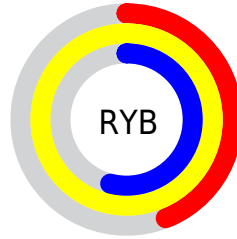
The Hex color **E3FD70** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **8A70FD**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFA8**, and **A9C438** is the 20% darker color. If you saturate the color by 10%, you get **DEFD57**, and if you desaturate by 10%, it is **E8FD89**.

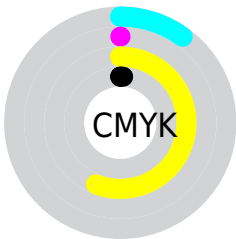
Distribution



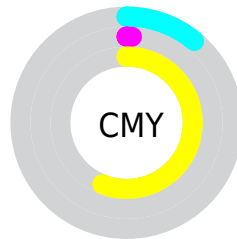
- Red (89%)
- Green (99%)
- Blue (44%)



- Red (44%)
- Yellow (99%)
- Blue (54%)



- Cyan (10%)
- Magenta (0%)
- Yellow (56%)
- Black (1%)



- Cyan (11%)
- Magenta (1%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3FD70 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 E3FD70 by changing the saturation by 10% instead.

 E3FD70

 E3FD70

FFFFFF

 C6E054

 FFFFA8

 A9C438

 FFFFC4

 8DA917

 FFFFE1

 718F00

FFFFFFE

 567500

 3B5C00

 1F4500

 002E00

 001A00

 E3FD70

 E3FD70

 DEFD57

 E8FD89

 DAFD3D

 ECFDA3

 D5FD24

 F1FDBC

 D0FD0B

 F6FDD5

 CEFD00

 FAFDEF

 FFFDFF

Harmonies

Analogous

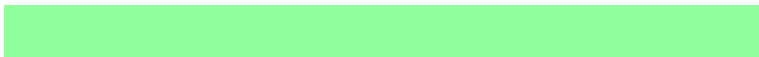
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE867



E3FD70



91FF9E

Triad

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



E3FD70



00FFFF



FFB8FF

Complementary

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



E3FD70



8A70FD

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.



FFCAFF



E3FD70



30FCFF

Square

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



E3FD70



00FFFF



DEE5FF



FFBBBF

Rectangle

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



E3FD70



33FFC9



DEE5FF



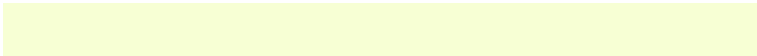
FFBCFF

Sweetspot

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



E3FD70



F7FFD4



FD8A70



7B8066



000000



808080

Same Dimension

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



E3FD70



DFFF54



9DFD70



7D8073



9CBF00



344000

Inverse Universe

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



8A70FD



7454FF



D070FD



757380



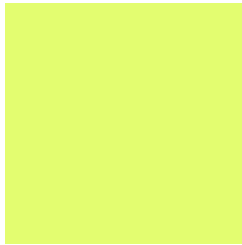
2300BF



0C0040

Previews

White Background



This preview shows how the Hex color E3FD70 looks on a white background.

Color Contrast Check

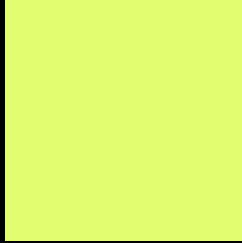
Large Text (above 18pt) WCAG AA × Fail

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 E3FD70 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 E3FD70 Background



This preview shows how black text looks on a background with the Hex color E3FD70.

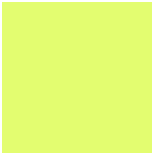
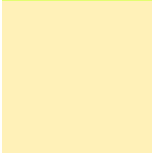
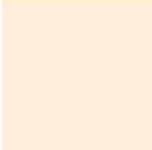


This preview shows how white text looks on a background with the Hex color E3FD70.

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 E3FD70
	Protanopia FFF1B8
	Deuteranopia FFEEDB



Tritanopia
F3EEFF

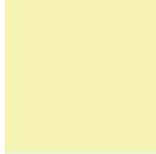
Trichromacy



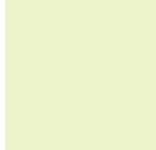
Original Color
E3FD70



Protanomaly
F5F59E



Deuteranomaly
F5F3B4

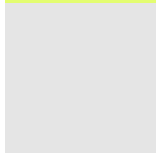


Tritanomaly
EDF3CB

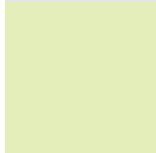
Monochromacy



Original Color
E3FD70



Achromatopsia
E5E5E5



Achromatomaly
E4EEBA

CSS Examples

Text

The CSS property to change the color of the text to Hex E3FD70 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 #E3FD70 looks like.

```
.text, #text, p{  
    color:#E3FD70  
}
```

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 #E3FD70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3FD70
}
```

Border

The CSS property to change the border of an element to Hex E3FD70 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
#E3FD70 }
```

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

```
.border{ border-color:#E3FD70 }
```

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

Here you see how a box with a 4 pixel #E3FD70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3FD70; -webkit-box-shadow:4px 4px  
4px 4px #E3FD70; box-shadow:4px 4px 4px  
4px #E3FD70 }
```

Background

The CSS property to change the background color of an element to Hex E3FD70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3FD70 }
```

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

```
.background{ background-color:#E3FD70 }
```

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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