

# Converting Colors

Hex(E3FF83)

Have a look what the booklet for  
Hex(E3FF83) contains.

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**Color**

**Hex(E3FF83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3FF83
RGB	227, 255, 131
RGB Percent	89%, 100%, 51%
CMY	0.1098, 0.0000, 0.4863
CMYK	0.11, 0.00, 0.49, 0.00
HSL	74°, 100%, 76%
HSV	74°, 49%, 100%
XYZ	71.5353, 89.4896, 34.9756
YIQ	232.4920, 23.1160, -44.5000

# Conversions

## Conversions Part 2

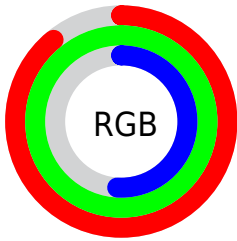
Format	Color
<a href="#">RYB</a>	<a href="#">131, 255, 159</a>
Decimal	<a href="#">14942083</a>
CIELab	<a href="#">95.78, -27.02, 55.76</a>
CIElCh	<a href="#">96, 61.962, 115.853</a>
Yxy	<a href="#">89.4896, 0.3650, 0.4566</a>
Android (android.graphics.Color)	<a href="#">4293132163 (0xFFE3FF83)</a>
YUV	<a href="#">232.4920, -50.0356, -4.8165</a>
Hunter-Lab	<a href="#">94.5989, -30.5672, 44.2982</a>

# Details

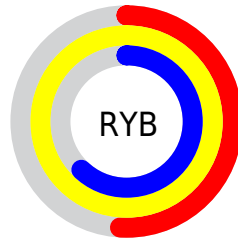
The Hex color **E3FF83** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9F83FF**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFBA**, and **AAC64D** is the 20% darker color. If you saturate the color by 10%, you get **DDFF6A**, and if you desaturate by 10%, it is **E9FF9C**.

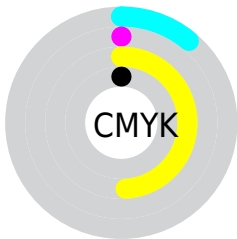
# Distribution



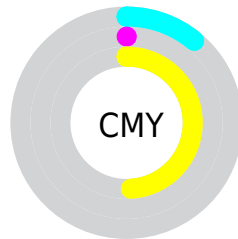
- Red (89%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3FF83 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 E3FF83 by changing the saturation by 10% instead.



 E3FF83

 E3FF83

FFFFFF

 C6E268

 FFFFBA

 AAC64D

 FFFFD7

 8EAB32


 FFFFF4

 729013

 587700

 3D5E00

 234600

 042F00

 001D00

 E3FF83

 E3FF83

 DDF6A

 E9FF9C

 D7FF50

 EFFF6

 D2FF37

 F4FFD0

 CCFF1D

 FAF9

 C6FF04

FFFFFF

 C5FF00

# Harmonies

## Analogous

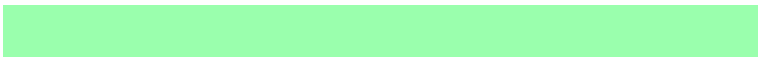
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFED78



E3FF83



9AFFAD

# Triad

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



E3FF83



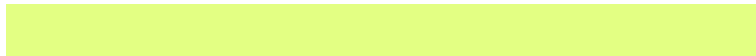
00FFFF



FFC2FE

# Complementary

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



E3FF83



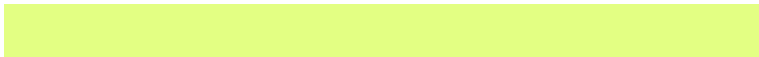
9F83FF

# 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.



FFD0FF



E3FF83



77FCFF

# Square

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



E3FF83



00FFFF



EBE6FF



FFC5C2

# Rectangle

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



E3FF83



56FFD4



EBE6FF



FFC5FF

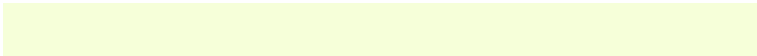


# Sweetspot

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



E3FF83



F6FFD9



FF9E83



7A8069



000000

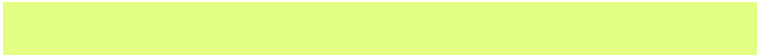


808080



# Same Dimension

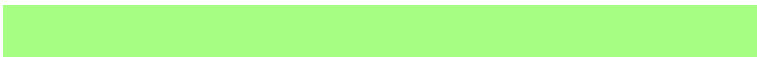
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E3FF83



DEFF6B



A6FF83



7D8073



94BF00



314000



# Inverse Universe

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



9F83FF



8C6BFF



DC83FF



767380



2B00BF

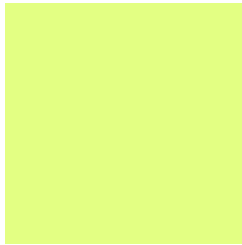


0E0040



# Previews

## White Background



This preview shows how the Hex color E3FF83 looks on a white background.

## Color Contrast Check

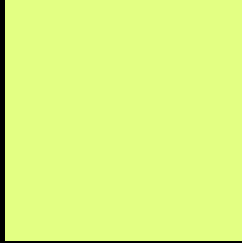
Large Text (above 18pt) WCAG AA × Fail

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 E3FF83 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 E3FF83 Background



This preview shows how black text looks on a background with the Hex color E3FF83.

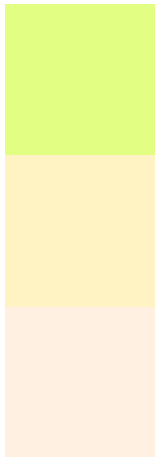


This preview shows how white text looks on a background with the Hex color E3FF83.

# 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**  
E3FF83

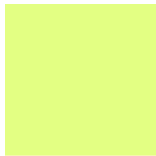
**Protanopia**  
FFF3C4

**Deuteranopia**  
FFF0E1

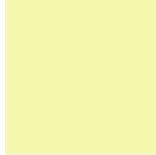


**Tritanopia**  
F2F1FF

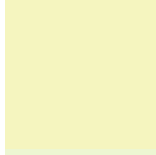
# Trichromacy



**Original Color**  
E3FF83



**Protanomaly**  
F5F7AC

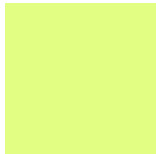


**Deuteranomaly**  
F5F5BF

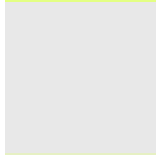


**Tritanomaly**  
EDF6D2

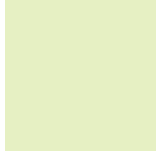
# Monochromacy



**Original Color**  
E3FF83



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
E6F0C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3FF83 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 #E3FF83 looks like.

```
.text, #text, p{  
    color:#E3FF83  
}
```

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 #E3FF83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3FF83
}
```

## Border

The CSS property to change the border of an element to Hex E3FF83 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
#E3FF83 }
```

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

```
.border{ border-color:#E3FF83 }
```

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

Here you see how a box with a 4 pixel #E3FF83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3FF83; -webkit-box-shadow:4px 4px  
4px 4px #E3FF83; box-shadow:4px 4px 4px  
4px #E3FF83 }
```

# Background

The CSS property to change the background color of an element to Hex E3FF83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3FF83 }
```

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

```
.background{ background-color:#E3FF83 }
```

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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