

# Converting Colors

Hex(E8FF49)

Have a look what the booklet for  
Hex(E8FF49) contains.

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# Color

**Hex(E8FF49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8FF49
RGB	232, 255, 73
RGB Percent	91%, 100%, 29%
CMY	0.0902, 0.0000, 0.7137
CMYK	0.09, 0.00, 0.71, 0.00
HSL	68°, 100%, 64%
HSV	68°, 71%, 100%
XYZ	70.2413, 89.1568, 19.8102
YIQ	227.3750, 44.7140, -61.4780

# Conversions

## Conversions Part 2

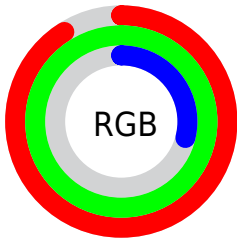
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">73, 255, 96</a>
Decimal	<a href="#">15269705</a>
<a href="#">CIELab</a>	<a href="#">95.65, -29.18, 79.16</a>
<a href="#">CIElCh</a>	<a href="#">96, 84.371, 110.234</a>
<a href="#">Yxy</a>	<a href="#">89.1568, 0.3920, 0.4975</a>
Android (android.graphics.Color)	<a href="#">4293459785</a> (0xFFE8FF49)
<a href="#">YUV</a>	<a href="#">227.3750, -76.1069, 4.0561</a>
<a href="#">Hunter-Lab</a>	<a href="#">94.4229, -32.4537, 53.6568</a>

# Details

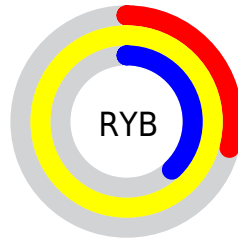
The Hex color **E8FF49** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **6049FF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFF84**, and **ADC600** is the 20% darker color. If you saturate the color by 10%, you get **E5FF30**, and if you desaturate by 10%, it is **EBFF62**.

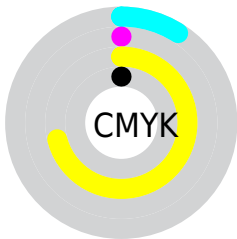
# Distribution



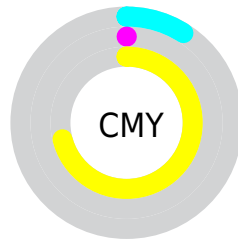
- Red (91%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (38%)



- Cyan (9%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8FF49 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 E8FF49 by changing the saturation by 10% instead.



 E8FF49

 E8FF49

FFFFFF

 CAE226

 FFFF84

 ADC600

 FFFFA1

 8FAB00

 FFFFBF

 739100

 FFFFDC

 577700

 FFFFFA

 3A5E00

 1D4600

 003000

 001C00

 E8FF49

 E8FF49

 E5FF30

 EBFF62

 E2FF16

 EEFF7C

 DFFF00

 F2FF95

 F5FFAF

 F8FFC9

 FBFFE2

 FFFFFB

FFFFFF

# Harmonies

## Analogous

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



FFE544



E8FF49



83FF84

# Triad

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



E8FF49



00FFFF



FFA9FF

# Complementary

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



E8FF49



6049FF

# 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.



FFC5FF



E8FF49



00FFFF

# Square

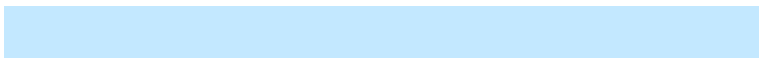
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E8FF49



00FFFF



C3E8FF



FFAABF

# Rectangle

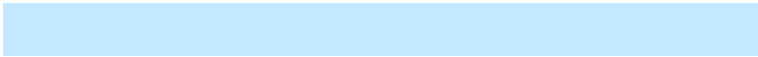
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E8FF49



00FFB8



C3E8FF



FFB0FF



# Sweetspot

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



E8FF49



F8FFC9



FF5E49



7B8060



000000



808080



# Same Dimension

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



E8FF49



E3FF24



8FFF49



7E8073



A7BF00



384000



# Inverse Universe

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



6049FF



3F24FF



B949FF



747380



1800BF

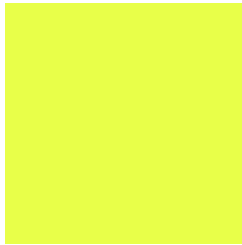


080040



# Previews

## White Background



This preview shows how the Hex color E8FF49 looks on a white background.

## Color Contrast Check

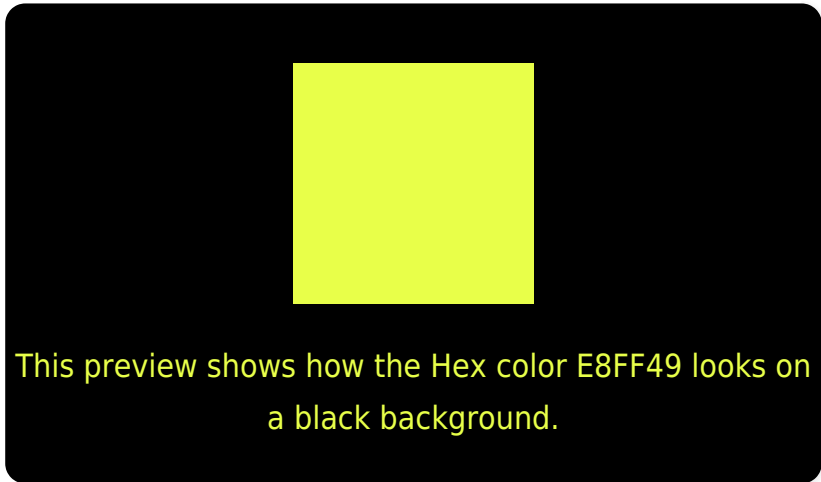
Large Text (above 18pt) WCAG AA × Fail

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 E8FF49 Background



This preview shows how black text looks on a background with the Hex color E8FF49.

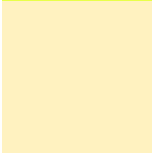
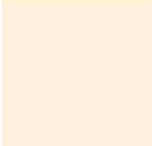


This preview shows how white text looks on a background with the Hex color E8FF49.

# 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](#).

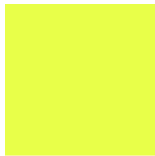
## Dichromacy

	<b>Original Color</b> E8FF49
	<b>Protanopia</b> FFF2C0
	<b>Deuteranopia</b> FFF0DE

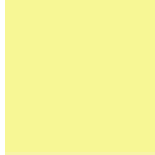


**Tritanopia**  
F9EFFF

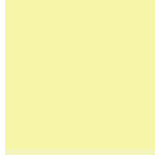
# Trichromacy



**Original Color**  
E8FF49



**Protanomaly**  
F7F795

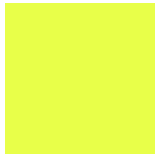


**Deuteranomaly**  
F7F5A8

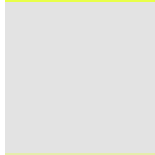


**Tritanomaly**  
F3F5BD

# Monochromacy



**Original Color**  
E8FF49



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
E5EDAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8FF49 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 #E8FF49 looks like.

```
.text, #text, p{  
    color:#E8FF49  
}
```

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 #E8FF49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8FF49
}
```

## Border

The CSS property to change the border of an element to Hex E8FF49 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
#E8FF49 }
```

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

```
.border{ border-color:#E8FF49 }
```

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

Here you see how a box with a 4 pixel #E8FF49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8FF49; -webkit-box-shadow:4px 4px  
4px 4px #E8FF49; box-shadow:4px 4px 4px  
4px #E8FF49 }
```

# Background

The CSS property to change the background color of an element to Hex E8FF49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8FF49 }
```

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

```
.background{ background-color:#E8FF49 }
```

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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