

# Converting Colors

Hex(E0FA44)

Have a look what the booklet for  
Hex(E0FA44) contains.

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**Color**

**Hex(E0FA44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0FA44
RGB	224, 250, 68
RGB Percent	88%, 98%, 27%
CMY	0.1216, 0.0196, 0.7333
CMYK	0.10, 0.00, 0.73, 0.02
HSL	69°, 95%, 62%
HSV	69°, 73%, 98%
XYZ	65.9695, 84.6359, 18.3282
YIQ	221.4780, 42.9260, -62.1140

# Conversions

## Conversions Part 2

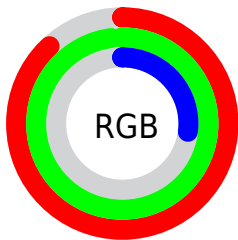
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	68, 250, 94
Decimal	14744132
CIELab	93.73, -30.26, 78.75
CIELCh	94, 84.368, 111.020
Yxy	84.6359, 0.3905, 0.5010
Android (android.graphics.Color)	4292934212 (0xFFE0FA44)
YUV	221.4780, -75.6647, 2.2118
Hunter-Lab	91.9978, -32.9978, 52.5864

# Details

The Hex color **E0FA44** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **5E44FA**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFF80**, and **A5C200** is the 20% darker color. If you saturate the color by 10%, you get **DCFA2B**, and if you desaturate by 10%, it is **E4FA5D**.

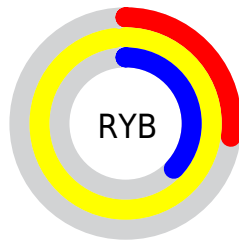
# Distribution



Red (88%)

Green (98%)

Blue (27%)



Red (27%)

Yellow (98%)

Blue (37%)

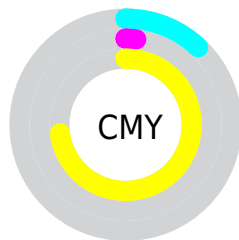


Cyan (10%)

Magenta (0%)

Yellow (73%)

Black (2%)



Cyan (12%)

Magenta (2%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0FA44 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 E0FA44 by changing the saturation by 10% instead.



 E0FA44

 E0FA44

FFFFFF

 C2DD1F

 FFFF80

 A5C200

 FFFF9D

 88A600

 FFFFBA

 6B8C00

 FFFF D7

 4F7200

 FFFFF5

 335A00

 154200

 002C00

 001500

 E0FA44

 E0FA44

 DCFA2B

 E4FA5D

 D9FA12

 E7FA76

 D6FA00

 EBFA8F

 EEFAA8

 F2FAC1

 F5FADA

 F9FAF3

 FDFAFF

 FFFAFF

# Harmonies

## Analogous

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



FFE03D



E0FA44



7AFF81

# Triad

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



E0FA44



00FFFF



FFA3FF

# Complementary

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



E0FA44



5E44FA

# 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.



FFBEFF



E0FA44



00DFF

# Square

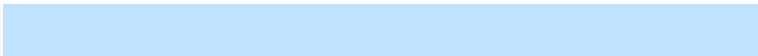
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E0FA44



00FFFF



C1E2FF



FFA4B7

# Rectangle

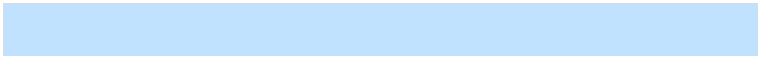
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0FA44



00FFB5



C1E2FF



FFAAFF

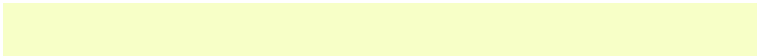


# Sweetspot

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



E0FA44



F7FFC7



FA5C44



7B805E



000000



808080



# Same Dimension

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



E0FA44



DFFF21



87FA44



7B7D70



A2BD00



343D00



# Inverse Universe

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



5E44FA



4121FF



B744FA



72707D



1B00BD

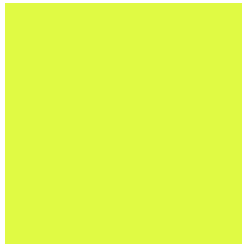


09003D



# Previews

## White Background



This preview shows how the Hex color E0FA44 looks on a white background.

## Color Contrast Check

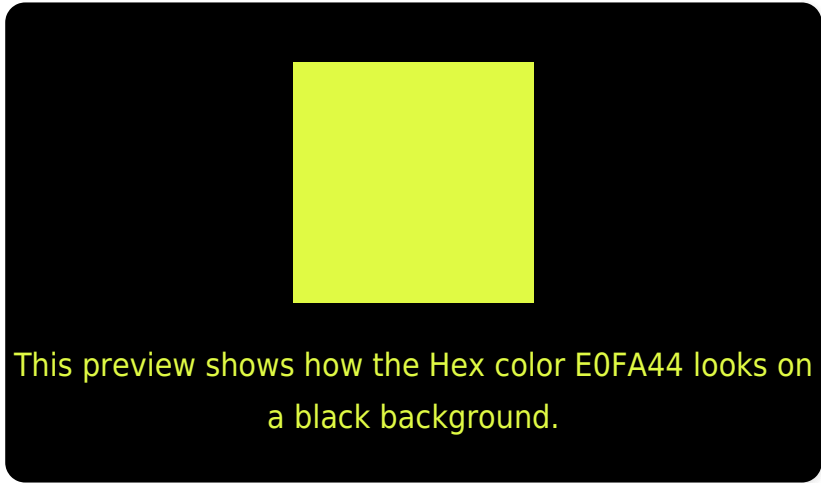
Large Text (above 18pt) WCAG AA × Fail

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 E0FA44 Background



This preview shows how black text looks on a background with the Hex color E0FA44.

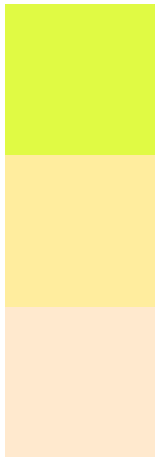


This preview shows how white text looks on a background with the Hex color E0FA44.

# 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**  
E0FA44

**Protanopia**  
FFED9E

**Deuteranopia**  
FFE9CE

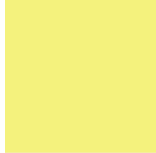


**Tritanopia**  
F2E9FC

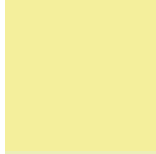
# Trichromacy



**Original Color**  
E0FA44



**Protanomaly**  
F4F27D



**Deuteranomaly**  
F4EF9C

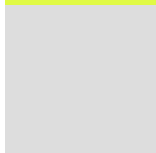


**Tritanomaly**  
EBEFB9

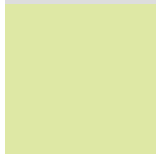
# Monochromacy



**Original Color**  
E0FA44



**Achromatopsia**  
DDDDDD



**Achromatomaly**  
DEE8A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0FA44 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 #E0FA44 looks like.

```
.text, #text, p{  
    color:#E0FA44  
}
```

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 #E0FA44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0FA44
}
```

## Border

The CSS property to change the border of an element to Hex E0FA44 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
#E0FA44 }
```

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

```
.border{ border-color:#E0FA44 }
```

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

Here you see how a box with a 4 pixel #E0FA44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0FA44; -webkit-box-shadow:4px 4px  
4px 4px #E0FA44; box-shadow:4px 4px 4px  
4px #E0FA44 }
```

# Background

The CSS property to change the background color of an element to Hex E0FA44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0FA44 }
```

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

```
.background{ background-color:#E0FA44 }
```

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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