

# Converting Colors

Hex(E0FF5E)

Have a look what the booklet for  
Hex(E0FF5E) contains.

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**Color**

**Hex(E0FF5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0FF5E
RGB	224, 255, 94
RGB Percent	88%, 100%, 37%
CMY	0.1216, 0.0000, 0.6314
CMYK	0.12, 0.00, 0.63, 0.00
HSL	72°, 100%, 68%
HSV	72°, 63%, 100%
XYZ	68.5208, 88.1754, 23.9978
YIQ	227.3770, 33.2050, -56.6430

# Conversions

## Conversions Part 2

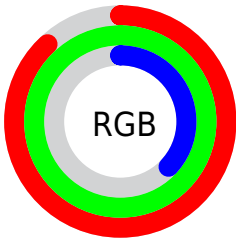
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 255, 125
Decimal	14745438
CIELab	95.23, -31.13, 70.97
CIELCh	95, 77.502, 113.682
Yxy	88.1754, 0.3792, 0.4880
Android (android.graphics.Color)	4292935518 (0xFFE0FF5E)
YUV	227.3770, -65.7549, -2.9616
Hunter-Lab	93.9018, -34.0753, 50.5789

# Details

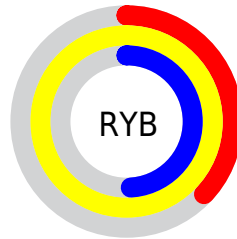
The Hex color **E0FF5E** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **7D5EFF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFF97**, and **A5C61F** is the 20% darker color. If you saturate the color by 10%, you get **DBFF45**, and if you desaturate by 10%, it is **E5FF78**.

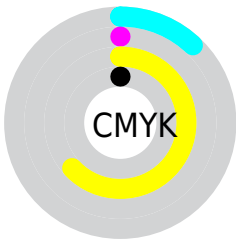
# Distribution



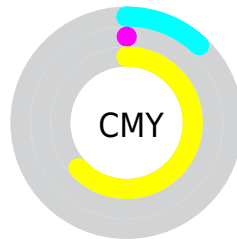
- Red (88%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (49%)



- Cyan (12%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0FF5E 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 E0FF5E by changing the saturation by 10% instead.



 E0FF5E

 E0FF5E

FFFFFF

 C2E241

 FFFF97

 A5C61F

 FFFF83

 89AB00

 FFFF60

 6D9000

 FFFF40

 517700

 355E00

 174600

 002F00

 001B00

 E0FF5E

 E0FF5E

 DBFF45

 E5FF78

 D6FF2B

 EAFF91

 D1FF12

 EFFFAB

 CEFF00

 F4FFC4

 F9FFDE

 FDFFF7

FFFFFF

# Harmonies

## Analogous

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



FFE853



E0FF5E



81FF94

# Triad

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



E0FF5E



00FFFF



FFAFFF

# Complementary

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



E0FF5E



7D5EFF

# 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



E0FF5E



00FEFF

# Square

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



E0FF5E



00FFFF



D9E4FF



FFB3B9

# Rectangle

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



E0FF5E



00FFC5



D9E4FF



FFB4FF



# Sweetspot

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



E0FF5E



F6FFCF



FF7C5E



7A8062



000000



808080



# Same Dimension

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



E0FF5E



DAFF3D



91FF5E



7D8073



9ABF00



334000



# Inverse Universe

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



7D5EFF



633DFF



CC5EFF



757380



2500BF

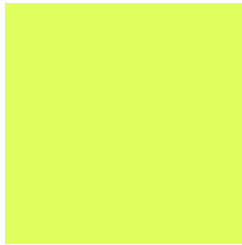


0C0040



# Previews

## White Background



This preview shows how the Hex color E0FF5E looks on a white background.

## Color Contrast Check

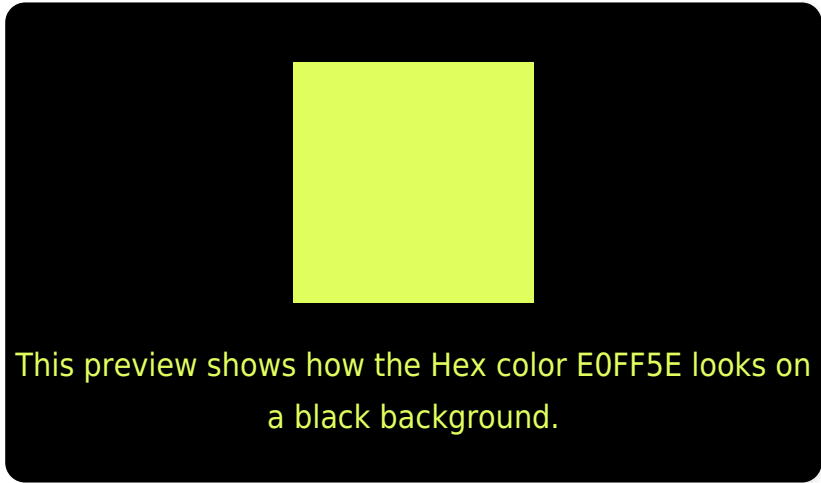
Large Text (above 18pt) WCAG AA × Fail

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 E0FF5E Background



This preview shows how black text looks on a background with the Hex color E0FF5E.

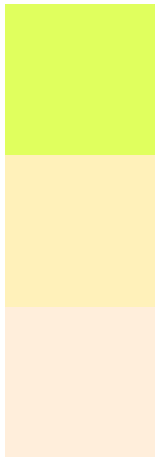


This preview shows how white text looks on a background with the Hex color E0FF5E.

# 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**  
E0FF5E

**Protanopia**  
FFF1BA

**Deuteranopia**  
FFEEDB

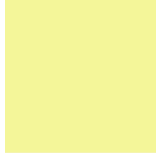


**Tritanopia**  
F1EFFF

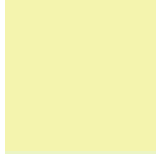
# Trichromacy



**Original Color**  
E0FF5E



**Protanomaly**  
F4F699



**Deuteranomaly**  
F4F4AE

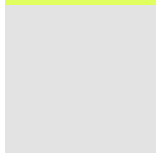


**Tritanomaly**  
EBF5C4

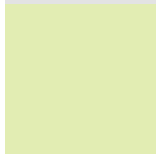
# Monochromacy



**Original Color**  
E0FF5E



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
E2EDB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0FF5E 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 #E0FF5E looks like.

```
.text, #text, p{  
    color:#E0FF5E  
}
```

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 #E0FF5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0FF5E
}
```

## Border

The CSS property to change the border of an element to Hex E0FF5E 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
#E0FF5E }
```

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

```
.border{ border-color:#E0FF5E }
```

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

Here you see how a box with a 4 pixel #E0FF5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0FF5E; -webkit-box-shadow:4px 4px  
4px 4px #E0FF5E; box-shadow:4px 4px 4px  
4px #E0FF5E }
```

# Background

The CSS property to change the background color of an element to Hex E0FF5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0FF5E }
```

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

```
.background{ background-color:#E0FF5E }
```

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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