

# Converting Colors

Hex(E0FF5D)

Have a look what the booklet for  
Hex(E0FF5D) contains.

<b>Hex(E0FF5D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(E0FF5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0FF5D
RGB	224, 255, 93
RGB Percent	88%, 100%, 36%
CMY	0.1216, 0.0000, 0.6353
CMYK	0.12, 0.00, 0.64, 0.00
HSL	71°, 100%, 68%
HSV	71°, 64%, 100%
XYZ	68.4763, 88.1576, 23.7630
YIQ	227.2630, 33.5260, -56.9540

# Conversions

## Conversions Part 2

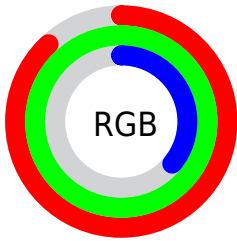
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 255, 124
Decimal	14745437
CIE <sub>Lab</sub>	95.23, -31.19, 71.36
CIE <sub>LCh</sub>	95, 77.878, 113.613
Yxy	88.1576, 0.3796, 0.4887
Android (android.graphics.Color)	4292935517 (0xFFE0FF5D)
YUV	227.2630, -66.1917, -2.8617
Hunter-Lab	93.8923, -34.1303, 50.7190

# Details

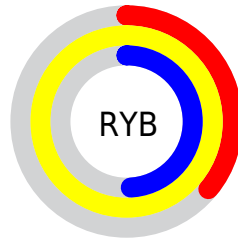
The Hex color **E0FF5D** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **7C5DFF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFF96**, and **A5C61D** is the 20% darker color. If you saturate the color by 10%, you get **DBFF43**, and if you desaturate by 10%, it is **E5FF77**.

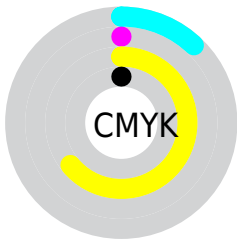
# Distribution



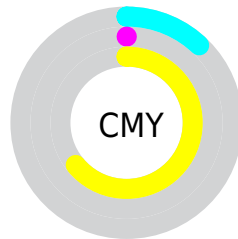
- Red (88%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (49%)



- Cyan (12%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0FF5D 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 E0FF5D by changing the saturation by 10% instead.



 E0FF5D

 E0FF5D

FFFFFF

 C2E240

 FFFF96

 A5C61D

 FFFFB2

 89AB00

 FFFFCF

 6D9000

 FFFFED

 517700

 355E00

 174600

 002F00

 001B00

 E0FF5D

 E0FF5D

 DBFF43

 E5FF77

 D6FF2A

 EAFF90

 D1FF10

 EFFFAA

 CEFF00

 F4FFC3

 F8FFDD

 FDFFF6

FFFFFF

# Harmonies

## Analogous

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



FFE852



E0FF5D



81FF94

# Triad

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



E0FF5D



00FFFF



FFAFFF

# Complementary

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



E0FF5D



7C5DFF

# 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



E0FF5D



00FEFF

# Square

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



E0FF5D



00FFFF



D8E4FF



FFB2B9

# Rectangle

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



E0FF5D



00FFC4



D8E4FF



FFB4FF

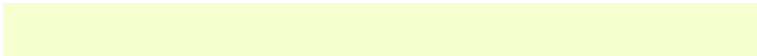


# Sweetspot

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



E0FF5D



F6FFCF



FF7B5D



7A8062



000000



808080



# Same Dimension

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



E0FF5D



DAFF3D



90FF5D



7D8073



9BBF00



344000



# Inverse Universe

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



7C5DFF



623DFF



CC5DFF



757380



2500BF

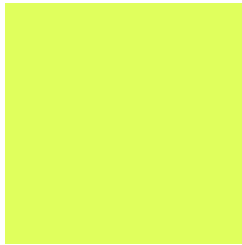


0C0040



# Previews

## White Background



This preview shows how the Hex color E0FF5D looks on a white background.

## Color Contrast Check

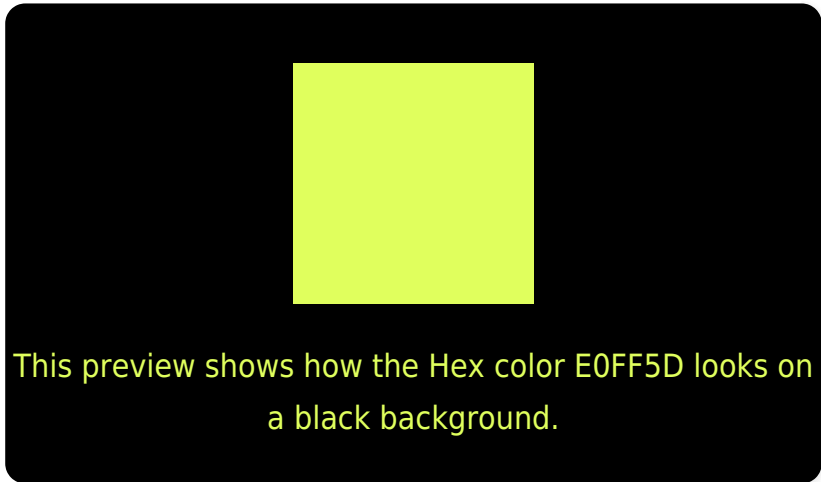
Large Text (above 18pt) WCAG AA × Fail

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 E0FF5D Background



This preview shows how black text looks on a background with the Hex color E0FF5D.

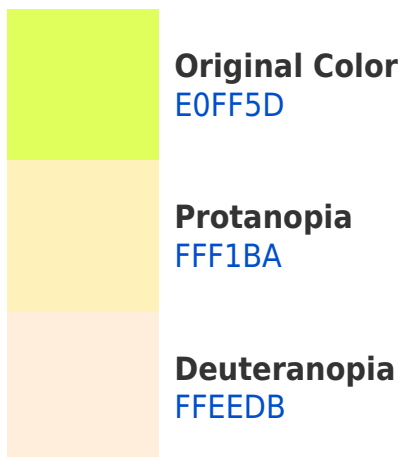


This preview shows how white text looks on a background with the Hex color E0FF5D.

# 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](#).

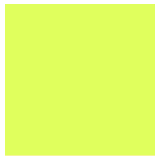
## Dichromacy



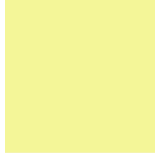


**Tritanopia**  
F1EFFF

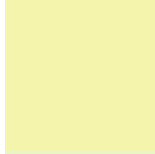
# Trichromacy



**Original Color**  
E0FF5D



**Protanomaly**  
F4F698



**Deuteranomaly**  
F4F4AD

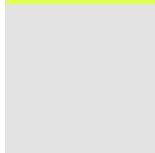


**Tritanomaly**  
EBF5C4

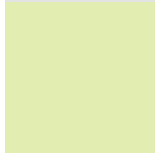
# Monochromacy



**Original Color**  
E0FF5D



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
E2EDB2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0FF5D 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 #E0FF5D looks like.

```
.text, #text, p{  
    color:#E0FF5D  
}
```

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 #E0FF5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0FF5D
}
```

## Border

The CSS property to change the border of an element to Hex E0FF5D 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
#E0FF5D }
```

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

```
.border{ border-color:#E0FF5D }
```

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

Here you see how a box with a 4 pixel #E0FF5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0FF5D; -webkit-box-shadow:4px 4px  
4px 4px #E0FF5D; box-shadow:4px 4px 4px  
4px #E0FF5D }
```

# Background

The CSS property to change the background color of an element to Hex E0FF5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0FF5D }
```

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

```
.background{ background-color:#E0FF5D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor