

Converting Colors

Hex(E5FF67)

Have a look what the booklet for
Hex(E5FF67) contains.

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Color

Hex(E5FF67)

Conversions

Conversions Part 1

Format	Color
Hex	E5FF67
RGB	229, 255, 103
RGB Percent	90%, 100%, 40%
CMY	0.1020, 0.0000, 0.5961
CMYK	0.10, 0.00, 0.60, 0.00
HSL	70°, 100%, 70%
HSV	70°, 60%, 100%
XYZ	70.5213, 89.1573, 26.3242
YIQ	229.8980, 33.2960, -52.7840

Conversions

Conversions Part 2

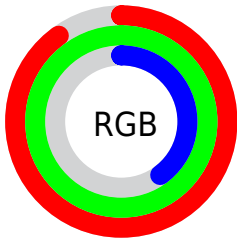
Format	Color
RYB	103, 255, 129
Decimal	15073127
CIELab	95.65, -28.58, 67.90
CIElCh	96, 73.670, 112.828
Yxy	89.1573, 0.3791, 0.4793
Android (android.graphics.Color)	4293263207 (0xFFE5FF67)
YUV	229.8980, -62.5607, -0.7875
Hunter-Lab	94.4231, -31.9252, 49.5668

Details

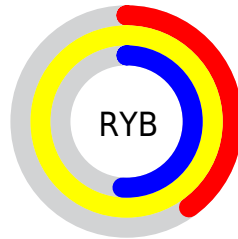
The Hex color **E5FF67** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **8167FF**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFF9F**, and **ABC62C** is the 20% darker color. If you saturate the color by 10%, you get **E1FF4E**, and if you desaturate by 10%, it is **E9FF81**.

Distribution



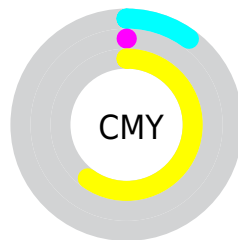
- Red (90%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (51%)



- Cyan (10%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5FF67 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 E5FF67 by changing the saturation by 10% instead.

 E5FF67

 E5FF67

FFFFFF

 C8E24B

 FFFF9F

 ABC62C

 FFFFBC

 8EAB00

 FFFFD9


 729000

 FFFFF6

 567700

 3B5E00

 1F4600

 002F00

 001C00

 E5FF67

 E5FF67

 E1FF4E

 E9FF81

 DCFF34

 EEFF9A

 D8FF1A

 F2FFB3

 D4FF01

 F6FFCD

 D3FF00

 FBFFE7

FFFFFF

Harmonies

Analogous

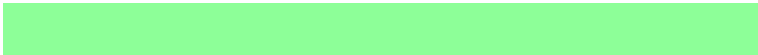
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE95E



E5FF67



8DFF98

Triad

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



E5FF67



00FFFF



FFB5FF

Complementary

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



E5FF67



8167FF

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.



FFCAFF



E5FF67



00FFFF

Square

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



E5FF67



00FFFF



D9E7FF



FFB8BF

Rectangle

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



E5FF67



02FFC6



D9E7FF



FFBAFF

Sweetspot

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



E5FF67



F7FFD1



FF8067



7B8063



000000



808080

Same Dimension

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



E5FF67



E0FF47



9AFF67



7D8073



9FBF00



354000

Inverse Universe

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



8167FF



6747FF



CC67FF



757380



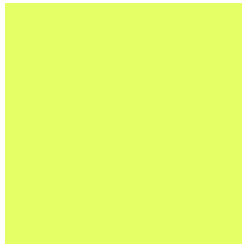
2100BF



0B0040

Previews

White Background



This preview shows how the Hex color E5FF67 looks on a white background.

Color Contrast Check

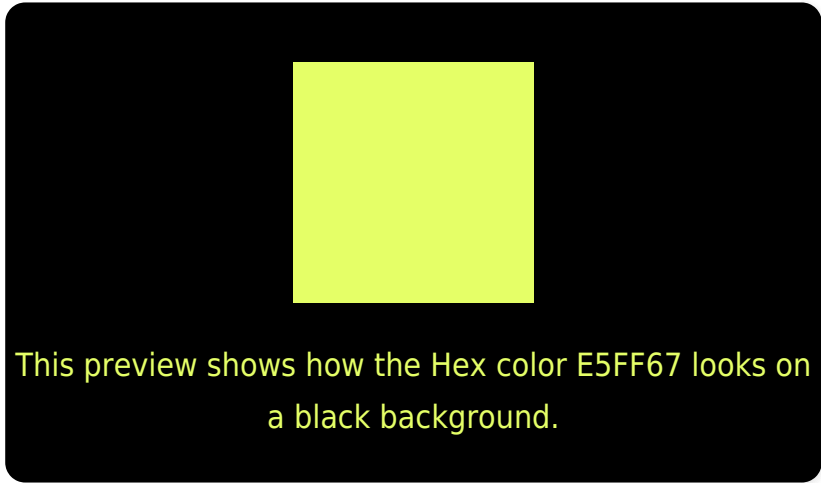
Large Text (above 18pt) WCAG AA × Fail

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 E5FF67 Background



This preview shows how black text looks on a background with the Hex color E5FF67.

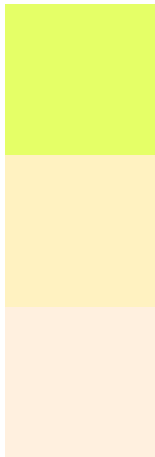


This preview shows how white text looks on a background with the Hex color E5FF67.

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
E5FF67

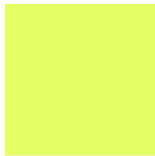
Protanopia
FFF2C1

Deuteranopia
FFF0DF

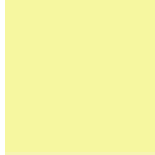


Tritanopia
F5F0FF

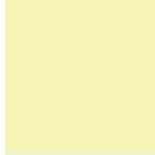
Trichromacy



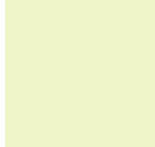
Original Color
E5FF67



Protanomaly
F6F7A0

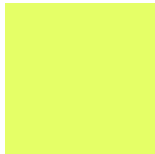


Deuteranomaly
F6F5B3

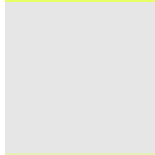


Tritanomaly
EFF5C8

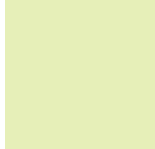
Monochromacy



Original Color
E5FF67



Achromatopsia
E6E6E6



Achromatomaly
E6EFB8

CSS Examples

Text

The CSS property to change the color of the text to Hex E5FF67 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 #E5FF67 looks like.

```
.text, #text, p{  
    color:#E5FF67  
}
```

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 #E5FF67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5FF67
}
```

Border

The CSS property to change the border of an element to Hex E5FF67 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
#E5FF67 }
```

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

```
.border{ border-color:#E5FF67 }
```

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

Here you see how a box with a 4 pixel #E5FF67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5FF67; -webkit-box-shadow:4px 4px  
4px 4px #E5FF67; box-shadow:4px 4px 4px  
4px #E5FF67 }
```

Background

The CSS property to change the background color of an element to Hex E5FF67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5FF67 }
```

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

```
.background{ background-color:#E5FF67 }
```

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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