

Converting Colors

Hex(E2FF67)

Have a look what the booklet for
Hex(E2FF67) contains.

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Color

Hex(E2FF67)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E2FF67 |
| RGB | 226, 255, 103 |
| RGB Percent | 89%, 100%, 40% |
| CMY | 0.1137, 0.0000, 0.5961 |
| CMYK | 0.11, 0.00, 0.60, 0.00 |
| HSL | 71°, 100%, 70% |
| HSV | 71°, 60%, 100% |
| XYZ | 69.5722, 88.6680, 26.2798 |
| YIQ | 229.0010, 31.5080, -53.4200 |

Conversions

Conversions Part 2

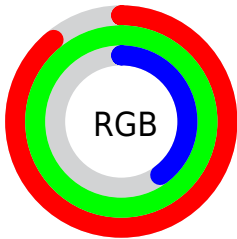
| Format | Color |
|-------------------------------------|---|
| RYB | 103, 255, 132 |
| Decimal | 14876519 |
| CIELab | 95.44, -29.74, 67.62 |
| CIELCh | 95, 73.868, 113.741 |
| Yxy | 88.6680, 0.3770, 0.4805 |
| Android (android.graphics.Color) | 4293066599 (0xFFE2FF67) |
| YUV | 229.0010, -62.1185, -2.6319 |
| Hunter-Lab | 94.1637, -32.9030, 49.3676 |

Details

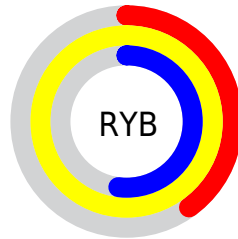
The Hex color **E2FF67** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **8467FF**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFF9F**, and **A8C62C** is the 20% darker color. If you saturate the color by 10%, you get **DDFF4E**, and if you desaturate by 10%, it is **E7FF81**.

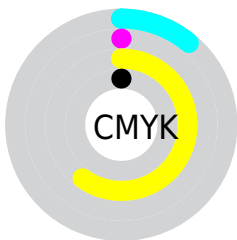
Distribution



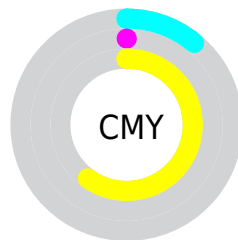
- Red (89%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (52%)



- Cyan (11%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2FF67 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 E2FF67 by changing the saturation by 10% instead.

 E2FF67

 E2FF67

FFFFFF

 C5E24B

 FFFF9F

 A8C62C

 FFFFBC

 8BAB00

 FFFFD9

 6F9000

 FFFFF6

 547700

 395E00

 1B4600

 002F00

 001C00

 E2FF67

 E2FF67

 DDF4E

 E7FF81

 D8FF34

 ECFF9A

 D3FF1A

 F1FFB3

 CFFF01

 F5FFCD

 CEFF00

 FAFFE7

FFFFFF

Harmonies

Analogous

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



FFE95D



E2FF67



89FF9A

Triad

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



E2FF67



00FFFF



FFB4FF

Complementary

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



E2FF67



8467FF

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.



FFC8FF



E2FF67



00FEFF

Square

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



E2FF67



00FFFF



DCE5FF



FFB7BC

Rectangle

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



E2FF67



00FFC7



DCE5FF



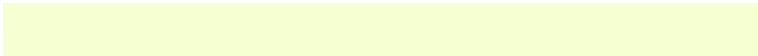
FFB9FF

Sweetspot

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



E2FF67



F6FFD1



FF8367



7A8063



000000



808080

Same Dimension

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



E2FF67



DCFF47



97FF67



7D8073



9BBF00



344000

Inverse Universe

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



8467FF



6A47FF



CF67FF



757380



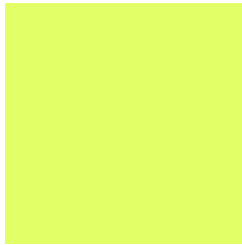
2400BF



0C0040

Previews

White Background



This preview shows how the Hex color E2FF67 looks on a white background.

Color Contrast Check

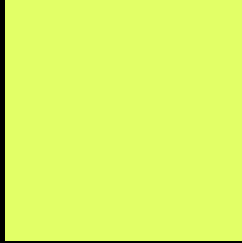
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color E2FF67 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

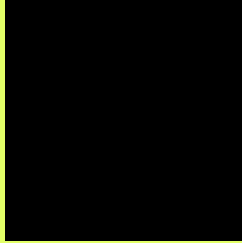
Any Text WCAG AA ✓ Pass

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 E2FF67 Background



This preview shows how black text looks on a background with the Hex color E2FF67.

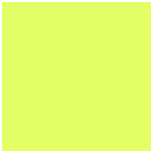
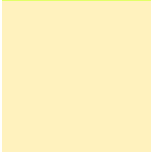
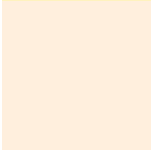


This preview shows how white text looks on a background with the Hex color E2FF67.

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](#).

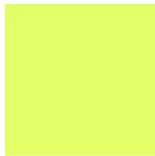
Dichromacy

| | |
|---|---------------------------------|
|  | Original Color E2FF67 |
|  | Protanopia FFF2BE |
|  | Deuteranopia FFEFD0 |

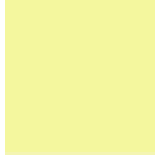


Tritanopia
F3F0FF

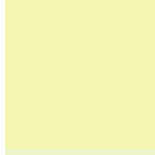
Trichromacy



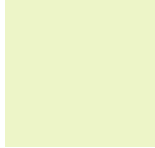
Original Color
E2FF67



Protanomaly
F4F79E



Deuteranomaly
F4F5B2

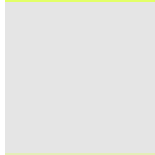


Tritanomaly
EDF5C8

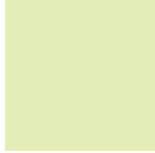
Monochromacy



Original Color
E2FF67



Achromatopsia
E5E5E5



Achromatomaly
E4EEB7

CSS Examples

Text

The CSS property to change the color of the text to Hex E2FF67 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 #E2FF67 looks like.

```
.text, #text, p{  
    color:#E2FF67  
}
```

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 #E2FF67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2FF67
}
```

Border

The CSS property to change the border of an element to Hex E2FF67 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
#E2FF67 }
```

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

```
.border{ border-color:#E2FF67 }
```

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

Here you see how a box with a 4 pixel #E2FF67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2FF67; -webkit-box-shadow:4px 4px  
4px 4px #E2FF67; box-shadow:4px 4px 4px  
4px #E2FF67 }
```

Background

The CSS property to change the background color of an element to Hex E2FF67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2FF67 }
```

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

```
.background{ background-color:#E2FF67 }
```

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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