

# Converting Colors

Hex(E6FF66)

Have a look what the booklet for  
Hex(E6FF66) contains.

<b>Hex(E6FF66)</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(E6FF66)**

# Conversions

Conversions Part 1	
Format	Color
Hex	E6FF66
RGB	230, 255, 102
RGB Percent	90%, 100%, 40%
CMY	0.0980, 0.0000, 0.6000
CMYK	0.10, 0.00, 0.60, 0.00
HSL	70°, 100%, 70%
HSV	70°, 60%, 100%
XYZ	70.7914, 89.3023, 26.0763
YIQ	230.0830, 34.2130, -52.8830

# Conversions

## Conversions Part 2

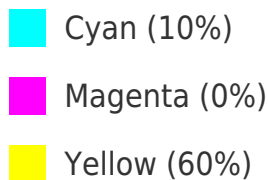
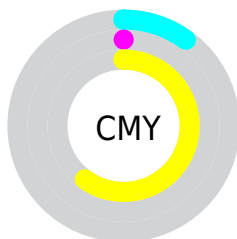
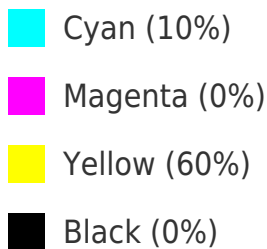
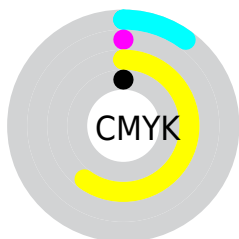
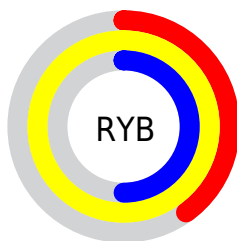
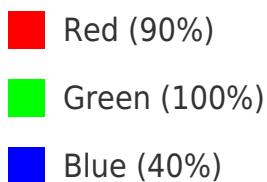
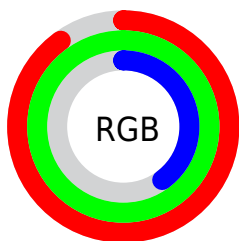
Format	Color
<a href="#">RYB</a>	<a href="#">102, 255, 127</a>
Decimal	<a href="#">15138662</a>
CIELab	<a href="#">95.71, -28.27, 68.40</a>
CIELCh	<a href="#">96, 74.007, 112.453</a>
Yxy	<a href="#">89.3023, 0.3803, 0.4797</a>
Android (android.graphics.Color)	<a href="#">4293328742</a> (0xFFE6FF66)
YUV	<a href="#">230.0830, -63.1449, -0.0728</a>
Hunter-Lab	<a href="#">94.4999, -31.6576, 49.7894</a>

# Details

The Hex color **E6FF66** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **7F66FF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFF9E**, and **ABC62B** is the 20% darker color. If you saturate the color by 10%, you get **E2FF4D**, and if you desaturate by 10%, it is **EAFF80**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color E6FF66 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 E6FF66 by changing the saturation by 10% instead.



 E6FF66

FFFFFF

 FFFF9E

 FFFFBB

 FFFFD8

 FFFFF5

 E6FF66

 C8E24A

 ABC62B

 8FAB00

 739000

 577700

 3C5E00

 204600

 002F00

 001C00

 E6FF66

 E6FF66

 E2FF4D

 EAFF80

 DEFF33

 EEFF99

 DAFF19

 F3FFB3

 D5FF00

 F7FFCC

 FBFFE6

FFFFFF

# Harmonies

## Analogous

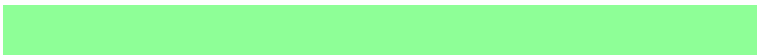
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE95E



E6FF66



8EFF97

# Triad

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



E6FF66



00FFFF



FFB5FF

# Complementary

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



E6FF66



7F66FF

# 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



E6FF66



00FFFF

# Square

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



E6FF66



00FFFF



D8E7FF



FFB7C0

# Rectangle

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



E6FF66



07FFC5



D8E7FF



FFBAFF

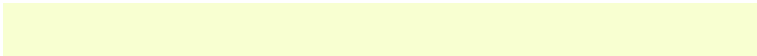


# Sweetspot

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



E6FF66



F8FFD1



FF7D66



7B8063



000000



808080



# Same Dimension

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



E6FF66



E1FF47



9CFF66



7D8073



A0BF00



354000



# Inverse Universe

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



7F66FF



6547FF



C966FF



757380



1F00BF

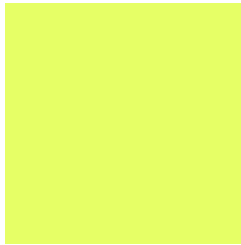


0A0040



# Previews

## White Background



This preview shows how the Hex color E6FF66 looks on a white background.

## Color Contrast Check

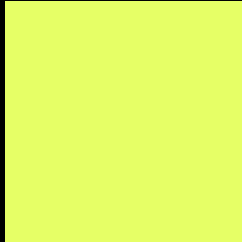
Large Text (above 18pt) WCAG AA × Fail

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 E6FF66 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

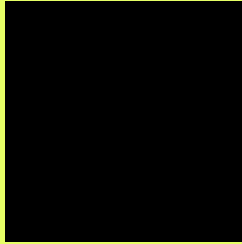
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E6FF66 Background



This preview shows how black text looks on a background with the Hex color E6FF66.

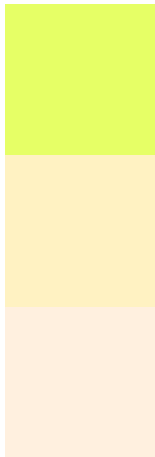


This preview shows how white text looks on a background with the Hex color E6FF66.

# 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**  
E6FF66

**Protanopia**  
FFF2C2

**Deuteranopia**  
FFF0DF



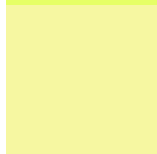
**Tritanopia**  
F6F0FF

# Trichromacy



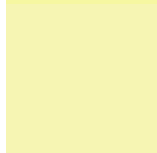
**Original Color**

E6FF66



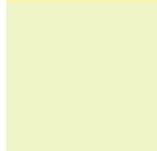
**Protanomaly**

F6F7A1



**Deuteranomaly**

F6F5B3



**Tritanomaly**

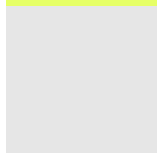
F0F5C7

# Monochromacy



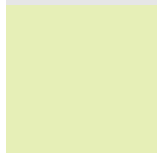
**Original Color**

E6FF66



**Achromatopsia**

E6E6E6



**Achromatomaly**

E6EFB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6FF66 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 #E6FF66 looks like.

```
.text, #text, p{  
    color:#E6FF66  
}
```

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 #E6FF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6FF66
}
```

## Border

The CSS property to change the border of an element to Hex E6FF66 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
#E6FF66 }
```

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

```
.border{ border-color:#E6FF66 }
```

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

Here you see how a box with a 4 pixel #E6FF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6FF66; -webkit-box-shadow:4px 4px  
4px 4px #E6FF66; box-shadow:4px 4px 4px  
4px #E6FF66 }
```

# Background

The CSS property to change the background color of an element to Hex E6FF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6FF66 }
```

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

```
.background{ background-color:#E6FF66 }
```

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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