

Converting Colors

Hex(E6FF00)

Have a look what the booklet for
Hex(E6FF00) contains.

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Color

Hex(E6FF00)

Conversions

Conversions Part 1

Format	Color
Hex	E6FF00
RGB	230, 255, 0
RGB Percent	90%, 100%, 0%
CMY	0.0980, 0.0000, 1.0000
CMYK	0.10, 0.00, 1.00, 0.00
HSL	66°, 100%, 50%
HSV	66°, 100%, 100%
XYZ	68.3931, 88.3430, 13.4472
YIQ	218.4550, 66.9550, -84.6050

Conversions

Conversions Part 2

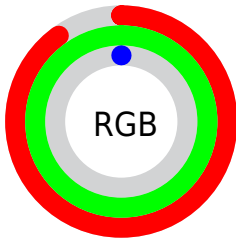
Format	Color
RYB	0, 255, 25
Decimal	15138560
CIELab	95.31, -31.71, 92.31
CIElCh	95, 97.602, 108.960
Yxy	88.3430, 0.4019, 0.5191
Android (android.graphics.Color)	4293328640 (0xFFE6FF00)
YUV	218.4550, -107.6983, 10.1250
Hunter-Lab	93.9910, -34.5975, 57.3111

Details

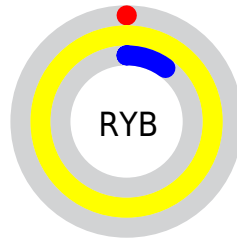
The Hex color **E6FF00** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **1900FF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF5F**, and **A9C600** is the 20% darker color. If you saturate the color by 10%, you get **E6FF00**, and if you desaturate by 10%, it is **E8FF19**.

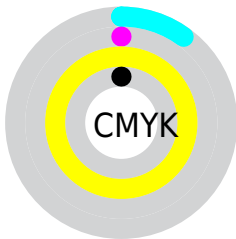
Distribution



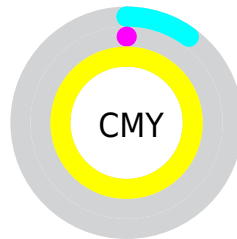
- Red (90%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (10%)



- Cyan (10%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6FF00 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 E6FF00 by changing the saturation by 10% instead.

 E6FF00

 E6FF00

FFFFFF

 C8E200

 FFFF5F

 A9C600

 FFFF7F

 8CAB00

 FFFF9D

 6F9100

 FFFFBB

 517700

 FFFFD9

 345E00

 FFFFF8

 164600

 002F00

 001B00

 E6FF00

 E8FF19

 EBFF33

 EDFF4D

 F0FF66

 F3FF80

 F5FF99

 F8FFB3

 FAFFCC

 FDFFE6

Harmonies

Analogous

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



FFE100



E6FF00



6CFF6C

Triad

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



E6FF00



00FFFF



FF96FF

Complementary

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



E6FF00



1900FF

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.



FFBCFF



E6FF00



00FFFF

Square

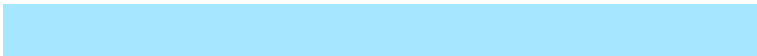
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E6FF00



00FFFF



A6E7FF



FF95BA

Rectangle

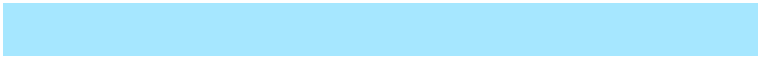
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6FF00



00FFAA



A6E7FF



FFA0FF

Sweetspot

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



E6FF00



F8FFB3



FF1500



7B8052



000000



808080

Same Dimension

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



E6FF00



6AFF00



7E8073



ACBF00



394000

Inverse Universe

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



1900FF



9500FF



747380



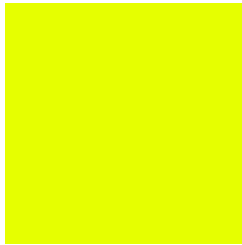
1300BF



060040

Previews

White Background



This preview shows how the Hex color E6FF00 looks on a white background.

Color Contrast Check

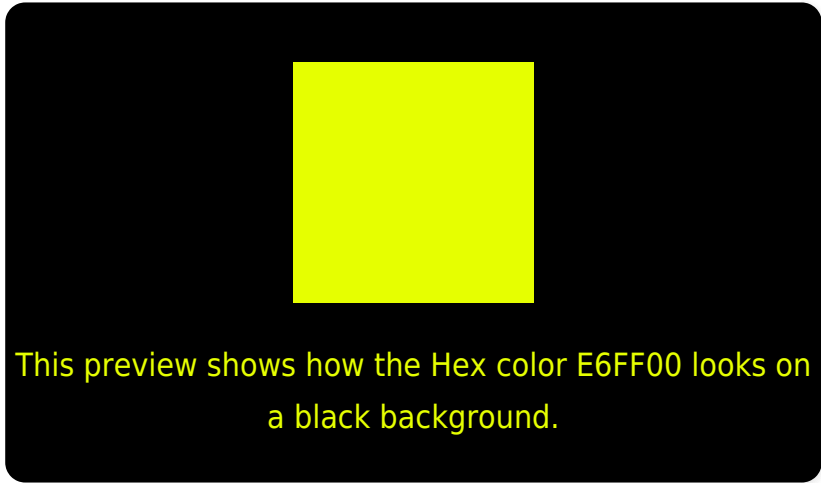
Large Text (above 18pt) WCAG AA × Fail

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 E6FF00 Background



This preview shows how black text looks on a background with the Hex color E6FF00.

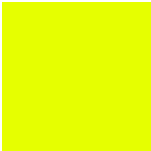




This preview shows how white text looks on a background with the Hex color E6FF00.

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](#).

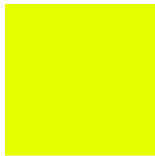
Dichromacy

	Original Color E6FF00
	Protanopia FFF1BA
	Deuteranopia FFEFD8

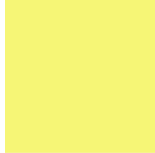


Tritanopia
F8EDFF

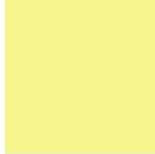
Trichromacy



Original Color
E6FF00



Protanomaly
F6F676

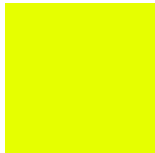


Deuteranomaly
F6F58B



Tritanomaly
F1F4A2

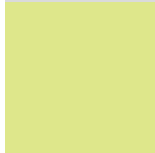
Monochromacy



Original Color
E6FF00



Achromatopsia
DADADA



Achromatomaly
DEE78B

CSS Examples

Text

The CSS property to change the color of the text to Hex E6FF00 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 #E6FF00 looks like.

```
.text, #text, p{  
    color:#E6FF00  
}
```

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 #E6FF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6FF00
}
```

Border

The CSS property to change the border of an element to Hex E6FF00 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
#E6FF00 }
```

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

```
.border{ border-color:#E6FF00 }
```

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

Here you see how a box with a 4 pixel #E6FF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6FF00; -webkit-box-shadow:4px 4px  
4px 4px #E6FF00; box-shadow:4px 4px 4px  
4px #E6FF00 }
```

Background

The CSS property to change the background color of an element to Hex E6FF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6FF00 }
```

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

```
.background{ background-color:#E6FF00 }
```

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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