

# Converting Colors

Hex(E6FF19)

Have a look what the booklet for  
Hex(E6FF19) contains.

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# **Color**

**Hex(E6FF19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6FF19
RGB	230, 255, 25
RGB Percent	90%, 100%, 10%
CMY	0.0980, 0.0000, 0.9020
CMYK	0.10, 0.00, 0.90, 0.00
HSL	67°, 100%, 55%
HSV	67°, 90%, 100%
XYZ	68.5686, 88.4132, 14.3712
YIQ	221.3050, 58.9300, -76.8300

# Conversions

## Conversions Part 2

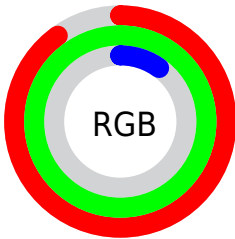
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	25, 255, 50
Decimal	15138585
CIE Lab	95.33, -31.46, 90.13
CIE LCh	95, 95.458, 109.240
Yxy	88.4132, 0.4002, 0.5160
Android (android.graphics.Color)	4293328665 (0xFFE6FF19)
YUV	221.3050, -96.7784, 7.6255
Hunter-Lab	94.0283, -34.3813, 56.7580

# Details

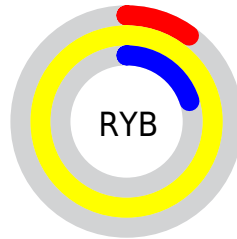
The Hex color **E6FF19** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **3219FF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFF66**, and **AAC600** is the 20% darker color. If you saturate the color by 10%, you get **E3FF00**, and if you desaturate by 10%, it is **E9FF32**.

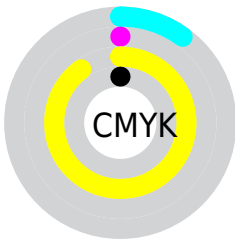
# Distribution



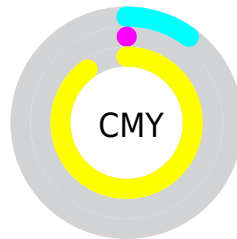
- Red (90%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (20%)



- Cyan (10%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6FF19 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 E6FF19 by changing the saturation by 10% instead.



 E6FF19

 E6FF19

FFFFFF

 C8E200

 FFFF66

 AAC600

 FFFF85

 8CAB00

 FFFFA3

 6F9100

 FFFF80

 527700

 FFFFDF

 355E00

FFFFFFD

 164600

 002F00

 001B00

 E6FF19

 E6FF19

 E3FF00

 E9FF32

 ECFF4C

 EEFF65

 F1FF7F

 F4FF98

 F7FFB2

 F9FFCB

 FCFFE5

FFFFFFE

# Harmonies

## Analogous

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



FFE116



E6FF19



70FF70

# Triad

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



E6FF19



00FFFF



FF99FF

# Complementary

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



E6FF19



3219FF

# 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.



FFBDFD



E6FF19



00FFFF

# Square

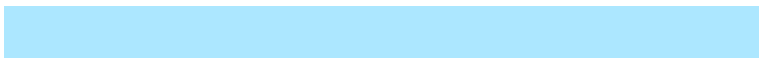
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E6FF19



00FFFF



ACE7FF



FF99BA

# Rectangle

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



E6FF19



00FFAC



ACE7FF



FFA3FF



# Sweetspot

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



E6FF19



F8FFBA



FF3019



7B8057



000000



808080



# Same Dimension

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



E6FF19



E3FF00



75FF19



7E8073



AABF00



394000



# Inverse Universe

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



3219FF



1C00FF



A319FF



747380



1500BF

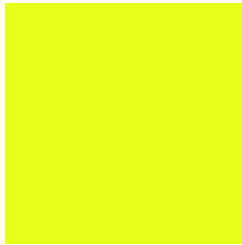


070040



# Previews

## White Background



This preview shows how the Hex color E6FF19 looks on a white background.

## Color Contrast Check

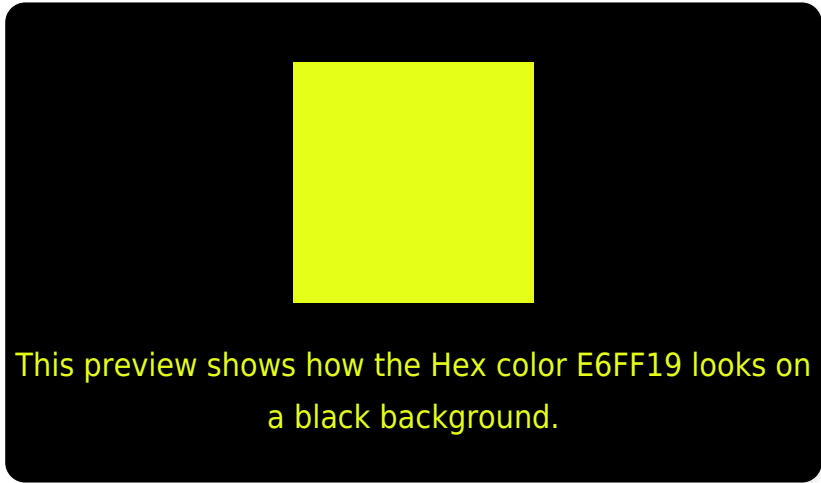
Large Text (above 18pt) WCAG AA × Fail

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 E6FF19 Background



This preview shows how black text looks on a background with the Hex color E6FF19.

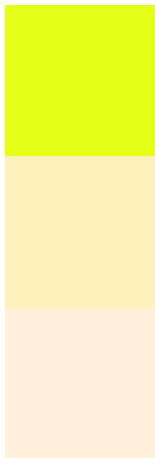


This preview shows how white text looks on a background with the Hex color E6FF19.

# 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**  
E6FF19

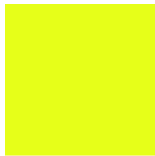
**Protanopia**  
FFF1BB

**Deuteranopia**  
FFEFD8

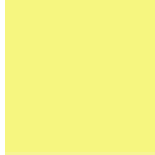


**Tritanopia**  
F8EDFF

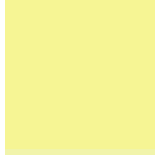
# Trichromacy



**Original Color**  
E6FF19



**Protanomaly**  
F6F680

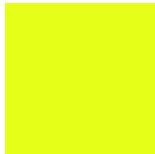


**Deuteranomaly**  
F6F594



**Tritanomaly**  
F1F4AB

# Monochromacy



**Original Color**  
E6FF19



**Achromatopsia**  
DDDDDD



**Achromatomaly**  
E0E996

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6FF19 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 #E6FF19 looks like.

```
.text, #text, p{  
    color:#E6FF19  
}
```

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 #E6FF19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6FF19
}
```

## Border

The CSS property to change the border of an element to Hex E6FF19 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
#E6FF19 }
```

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

```
.border{ border-color:#E6FF19 }
```

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

Here you see how a box with a 4 pixel #E6FF19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6FF19; -webkit-box-shadow:4px 4px  
4px 4px #E6FF19; box-shadow:4px 4px 4px  
4px #E6FF19 }
```

# Background

The CSS property to change the background color of an element to Hex E6FF19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6FF19 }
```

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

```
.background{ background-color:#E6FF19 }
```

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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