

# Converting Colors

Hex(EAFF00)

Have a look what the booklet for  
Hex(EAFF00) contains.

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**Color**

**Hex(EAFF00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAFF00
RGB	234, 255, 0
RGB Percent	92%, 100%, 0%
CMY	0.0824, 0.0000, 1.0000
CMYK	0.08, 0.00, 1.00, 0.00
HSL	65°, 100%, 50%
HSV	65°, 100%, 100%
XYZ	69.6917, 89.0124, 13.5080
YIQ	219.6510, 69.3390, -83.7570

# Conversions

## Conversions Part 2

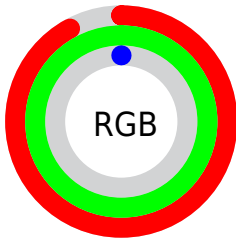
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 255, 21
Decimal	15400704
CIELab	95.59, -30.10, 92.64
CIElCh	96, 97.409, 108.001
Yxy	89.0124, 0.4047, 0.5169
Android (android.graphics.Color)	4293590784 (0xFFEAF00)
YUV	219.6510, -108.2879, 12.5841
Hunter-Lab	94.3464, -33.2520, 57.5537

# Details

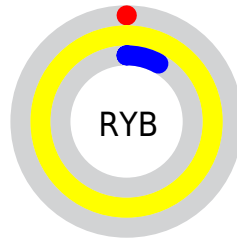
The Hex color **EAFF00** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **1500FF**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF60**, and **ADC600** is the 20% darker color. If you saturate the color by 10%, you get **EAFF00**, and if you desaturate by 10%, it is **ECFF19**.

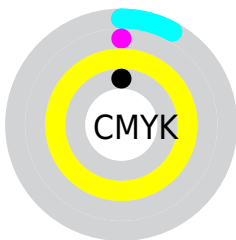
# Distribution



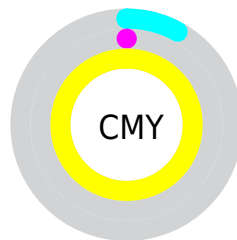
- Red (92%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (8%)



- Cyan (8%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAFF00 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 EAFF00 by changing the saturation by 10% instead.



 EAFF00

 EAFF00

FFFFFF

 CBE200

 FFFF60

 ADC600

 FFFF7F

 90AB00

 FFFF9D

 729100

 FFFFBB

 557700

 FFFFDA

 385E00

 FFFFF8

 1B4600

 003000

 001C00

 EAFF00

 ECFF19

 EEFF33

 F0FF4D

 F2FF66

 F4FF80

 F7FF99

 F9FFB3

 FBFFCC

 FDFFE6

# Harmonies

## Analogous

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



FFE00B



EAFF00



73FF6A

# Triad

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



EAFF00



00FFFF



FF98FF

# Complementary

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



E AFF00



15 00FF

# 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.



FFBEFF



EAFF00



00FFFF

# Square

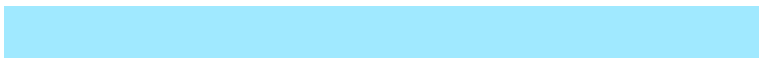
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E AFF00



00 FFFF



A0 E9FF



FF 96BE

# Rectangle

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



E AFF00



00FFA7



A0E9FF



FFA2FF



# Sweetspot

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



EAFF00



F9FFB3



FF1100



7C8052



000000



808080



# Same Dimension

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



EAFF00



6EFF00



7E8073



AFBF00



3A4000

# Inverse Universe

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



1500FF



9000FF



747380



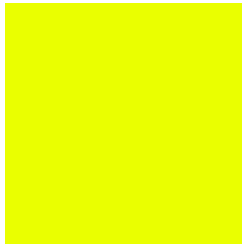
1000BF



050040

# Previews

## White Background



This preview shows how the Hex color EAFF00 looks on a white background.

## Color Contrast Check

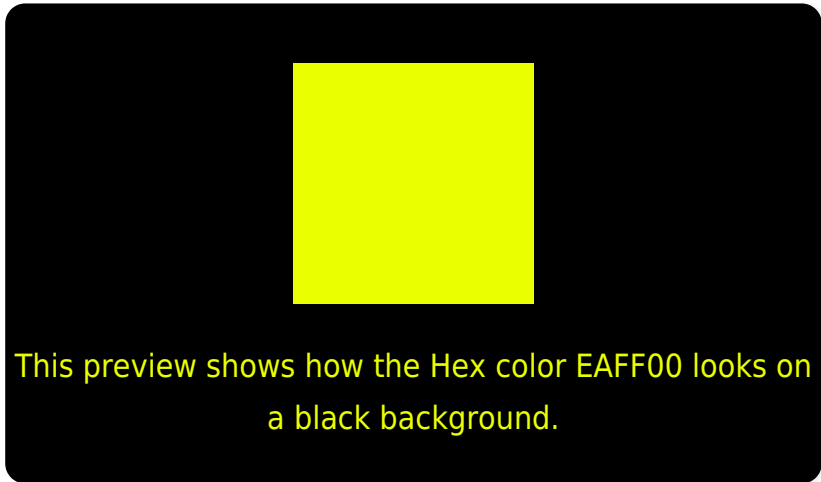
Large Text (above 18pt) WCAG AA × Fail

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 EAFF00 Background



This preview shows how black text looks on a background with the Hex color EAFF00.



This preview shows how white text looks on a background with the Hex color EAFF00.

# 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**  
E AFF00

**Protanopia**  
F FF2BF

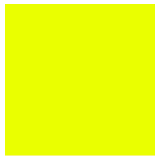
**Deuteranopia**  
F FF0DD



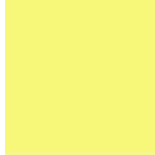


**Tritanopia**  
FCEDFF

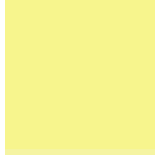
# Trichromacy



**Original Color**  
E AFF00



**Protanomaly**  
F7F77A

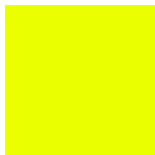


**Deuteranomaly**  
F7F58D



**Tritanomaly**  
F5F4A2

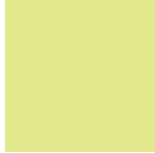
# Monochromacy



**Original Color**  
E AFF00



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
E1E98C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAFF00 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 #EAFF00 looks like.

```
.text, #text, p{  
    color:#EAFF00  
}
```

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 #EAFF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAFF00
}
```

## Border

The CSS property to change the border of an element to Hex EAFF00 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
#EAFF00 }
```

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

```
.border{ border-color:#EAFF00 }
```

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

Here you see how a box with a 4 pixel #EAFF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAFF00; -webkit-box-shadow:4px 4px  
4px 4px #EAFF00; box-shadow:4px 4px 4px  
4px #EAFF00 }
```

# Background

The CSS property to change the background color of an element to Hex EAFF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAFF00 }
```

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

```
.background{ background-color:#EAFF00 }
```

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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