

# Converting Colors

Hex(EAFC18)

Have a look what the booklet for  
Hex(EAFC18) contains.

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# **Color**

**Hex(EAFC18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAFC18
RGB	234, 252, 24
RGB Percent	92%, 99%, 9%
CMY	0.0824, 0.0118, 0.9059
CMYK	0.07, 0.00, 0.90, 0.01
HSL	65°, 97%, 54%
HSV	65°, 90%, 99%
XYZ	68.9070, 87.1792, 14.0596
YIQ	220.6260, 62.4600, -74.7240

# Conversions

## Conversions Part 2

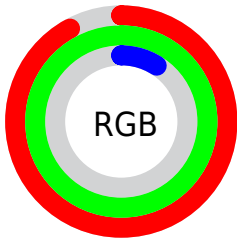
Format	Color
R <sub>Y</sub> B	24, 252, 42
Decimal	15399960
CIE Lab	94.81, -28.48, 89.97
CIE LCh	95, 94.370, 107.563
Yxy	87.1792, 0.4050, 0.5124
Android (android.graphics.Color)	4293590040 (0xFFEAF0C18)
YUV	220.6260, -96.9366, 11.7290
Hunter-Lab	93.3698, -31.6640, 56.4310

# Details

The Hex color **E AFC18** is a light color, and the websafe version is hex **F F F F33**. The color can be described as light washed yellow. A complement of this color would be **2A18FC**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **F F F F65**, and **A EC400** is the 20% darker color. If you saturate the color by 10%, you get **E8FC00**, and if you desaturate by 10%, it is **ECFC31**.

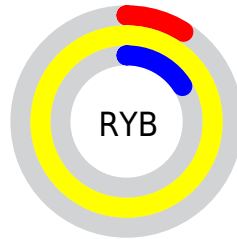
# Distribution



Red (92%)

Green (99%)

Blue (9%)



Red (9%)

Yellow (99%)

Blue (16%)

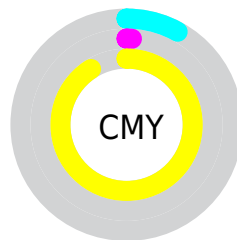


Cyan (7%)

Magenta (0%)

Yellow (90%)

Black (1%)



Cyan (8%)

Magenta (1%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAFC18 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 EAFC18 by changing the saturation by 10% instead.



 EAFC18

 EAFC18

FFFFFF

 CCDF00

 FFFF65

 AEC400

 FFFF84

 90A800

 FFFFA2

 738E00

 FFFF00

 567500

 FFFFDE

 395C00

 FFFF00

 1D4400

 002E00

 001900

 EAFC18

 EAFC18

 E8FC00

 ECFC31

 EEFC4A

 F0FC64

 F2FC7D

 F4FC96

 F6FCAF

 F8FCC8

 FAFCE2

 FCFCFB

# Harmonies

## Analogous

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



FFDE1F



EAFC18



7AFF6B

# Triad

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



EAFC18



00FFFF



FF9BFF

# Complementary

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



EAFC18



2A18FC

# 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.



FFBFFF



EAFC18



00FFFF

# Square

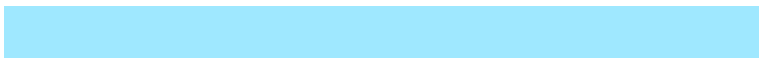
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EAFC18



00FFFF



9FE8FF



FF98BE

# Rectangle

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



EAFC18



00FFA6



9FE8FF



FFA4FF



# Sweetspot

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



EAFC18



FAFFBA



FC2718



7C8057



000000



808080



# Same Dimension

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



EAFC18



EBFF00



7BFC18



7C7D70



AEBD00



383D00



# Inverse Universe

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



2A18FC



1400FF



9918FC



71707D



0F00BD

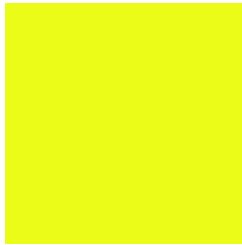


05003D



# Previews

## White Background



This preview shows how the Hex color EAFC18 looks on a white background.

## Color Contrast Check

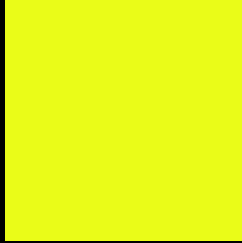
Large Text (above 18pt) WCAG AA × Fail

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 EAFC18 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 EAFC18 Background



This preview shows how black text looks on a background with the Hex color EAFC18.



This preview shows how white text looks on a background with the Hex color EAFC18.

# 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



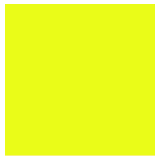
**Original Color**  
EAFC18

**Protanopia**  
FFF0B2

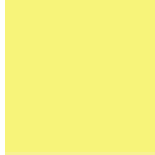
**Deuteranopia**  
FFEDD7



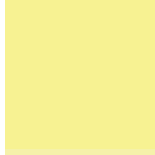
# Trichromacy



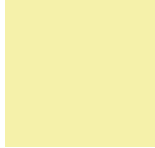
**Original Color**  
EAFC18



**Protanomaly**  
F7F47A

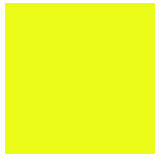


**Deuteranomaly**  
F7F292



**Tritanomaly**  
F5F1AA

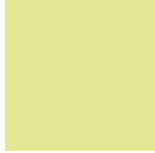
# Monochromacy



**Original Color**  
EAFC18



**Achromatopsia**  
DDDDDD



**Achromatomaly**  
E2E895

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAFC18 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 #EAFC18 looks like.

```
.text, #text, p{  
    color:#EAFC18  
}
```

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 #EAF C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAF C18  
}
```

## Border

The CSS property to change the border of an element to Hex EAF C18 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  
#EAF C18 }
```

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

```
.border{ border-color:#EAF C18 }
```

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

Here you see how a box with a 4 pixel #EAF C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAF C18; -webkit-box-shadow:4px 4px  
4px 4px #EAF C18; box-shadow:4px 4px 4px  
4px #EAF C18 }
```

# Background

The CSS property to change the background color of an element to Hex EAFC18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAFC18 }
```

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

```
.background{ background-color:#EAFC18 }
```

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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