

Converting Colors

Hex(EAF700)

Have a look what the booklet for
Hex(EAF700) contains.

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Color

Hex(EAF700)

Conversions

Conversions Part 1

Format	Color
Hex	EA700
RGB	234, 247, 0
RGB Percent	92%, 97%, 0%
CMY	0.0824, 0.0314, 1.0000
CMYK	0.05, 0.00, 1.00, 0.03
HSL	63°, 100%, 48%
HSV	63°, 100%, 97%
XYZ	67.1924, 84.0140, 12.6749
YIQ	214.9550, 71.5390, -79.5730

Conversions

Conversions Part 2

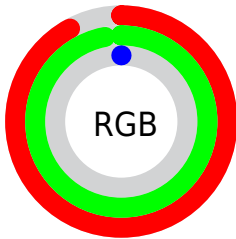
Format	Color
RYB	0, 247, 13
Decimal	15398656
CIELab	93.46, -26.38, 91.06
CIELCh	93, 94.808, 106.156
Yxy	84.0140, 0.4100, 0.5127
Android (android.graphics.Color)	4293588736 (0xFFEAF700)
YUV	214.9550, -105.9728, 16.7025
Hunter-Lab	91.6591, -29.5507, 55.9626

Details

The Hex color **EAF700** 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 **0D00F7**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF5E**, and **ADBF00** is the 20% darker color. If you saturate the color by 10%, you get **EAF700**, and if you desaturate by 10%, it is **EBF719**.

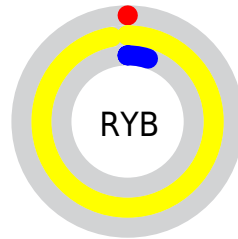
Distribution



Red (92%)

Green (97%)

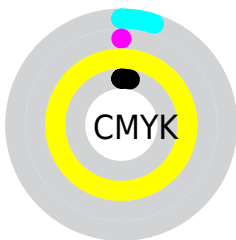
Blue (0%)



Red (0%)

Yellow (97%)

Blue (5%)

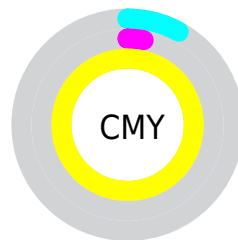


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (3%)



Cyan (8%)

Magenta (3%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAF700 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 EAF700 by changing the saturation by 10% instead.

 EAF700

 EAF700

FFFFFF

 CBDB00

 FFFF5E

 ADBF00

 FFFF7D

 90A400

 FFFF9B

 738A00

 FFFFB9

 567000

 FFFFD7

 395800

 FFFFF6

 1D4000

 002A00

 001400

 EAF700

 EBF719

 EDF731

 EEF74A

 EFF763

 F0F77C

 F2F794

 F3F7AD

 F4F7C6

 F6F7DE

Harmonies

Analogous

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



FFD919



EAF700



7CFF63

Triad

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



EAF700



00FFFF



FF97FF

Complementary

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



EAF700



0D00F7

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.



FFBDFF



EAF700



00FFFF

Square

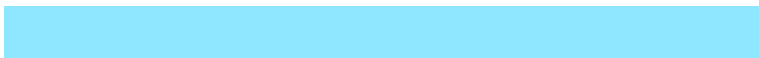
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EAF700



00FFFF



8EE6FF



FF92BF

Rectangle

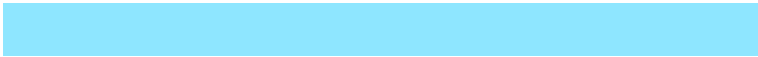
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EAF700



00FF9E



8EE6FF



FFA1FF

Sweetspot

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



EAF700



FBFFB3



F70C00



7D8052



000000



808080

Same Dimension

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



EAF700



F2FF00



6FF700



7A7A6E



B0BA00



383B00

Inverse Universe

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



0D00F7



0D00FF



8800F7



6F6E7A



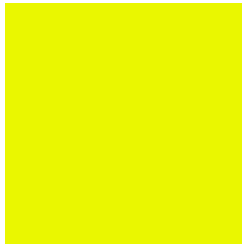
0A00BA



03003B

Previews

White Background



This preview shows how the Hex color EAF700 looks on a white background.

Color Contrast Check

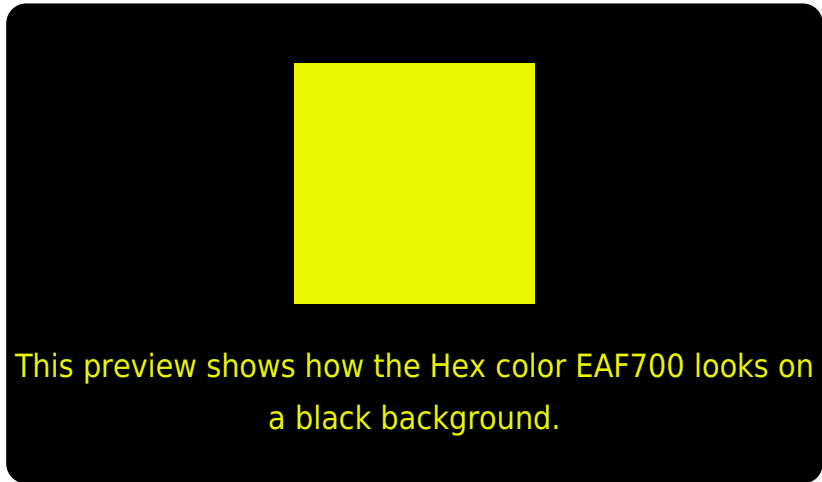
Large Text (above 18pt) WCAG AA × Fail

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 EAF700 Background



This preview shows how black text looks on a background with the Hex color EAF700.



This preview shows how white text looks on a background with the Hex color EAF700.

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
EAF700

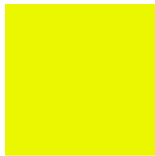
Protanopia
FFEC99

Deuteranopia
FFE9CC



Tritanopia
FBE6F8

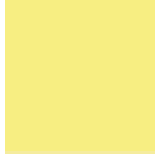
Trichromacy



Original Color
EAF700



Protanomaly
F7F061

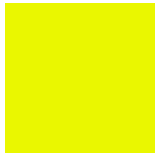


Deuteranomaly
F7EE82



Tritanomaly
F5EC9E

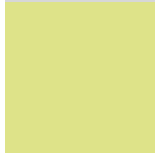
Monochromacy



Original Color
EAF700



Achromatopsia
D7D7D7



Achromatomaly
DDE389

CSS Examples

Text

The CSS property to change the color of the text to Hex EAF700 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 #EAF700 looks like.

```
.text, #text, p{  
    color:#EAF700  
}
```

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 #EAF700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAF700
}
```

Border

The CSS property to change the border of an element to Hex EAF700 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
#EAF700 }
```

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

```
.border{ border-color:#EAF700 }
```

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

Here you see how a box with a 4 pixel #EAF700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAF700; -webkit-box-shadow:4px 4px  
4px 4px #EAF700; box-shadow:4px 4px 4px  
4px #EAF700 }
```

Background

The CSS property to change the background color of an element to Hex EAF700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAF700 }
```

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

```
.background{ background-color:#EAF700 }
```

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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