

Converting Colors

Hex(EAF10F)

Have a look what the booklet for
Hex(EAF10F) contains.

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Color

Hex(EAF10F)

Conversions

Conversions Part 1

Format	Color
Hex	EAFF10F
RGB	234, 241, 15
RGB Percent	92%, 95%, 6%
CMY	0.0824, 0.0549, 0.9412
CMYK	0.03, 0.00, 0.94, 0.05
HSL	62°, 89%, 50%
HSV	62°, 94%, 95%
XYZ	65.4732, 80.4375, 12.5271
YIQ	213.1430, 68.3740, -71.7700

Conversions

Conversions Part 2

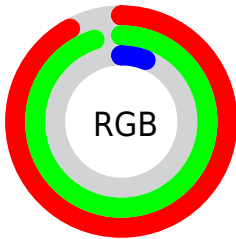
Format	Color
RYB	15, 241, 22
Decimal	15397135
CIELab	91.88, -23.42, 88.73
CIELCh	92, 91.767, 104.787
Yxy	80.4375, 0.4132, 0.5077
Android (android.graphics.Color)	4293587215 (0xFFEAF10F)
YUV	213.1430, -97.6845, 18.2916
Hunter-Lab	89.6870, -26.6437, 54.4995

Details

The Hex color **EAF10F** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **160FF1**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF60**, and **AEB900** is the 20% darker color. If you saturate the color by 10%, you get **EAF100**, and if you desaturate by 10%, it is **EBF127**.

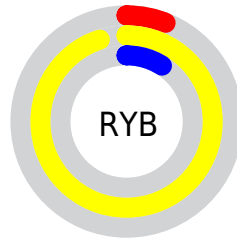
Distribution



Red (92%)

Green (95%)

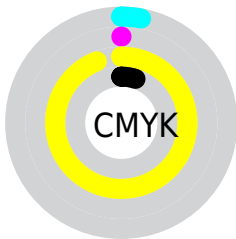
Blue (6%)



Red (6%)

Yellow (95%)

Blue (9%)

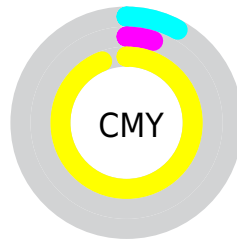


Cyan (3%)

Magenta (0%)

Yellow (94%)

Black (5%)



Cyan (8%)

Magenta (5%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAF10F 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 EAF10F by changing the saturation by 10% instead.

 EAF10F

 EAF10F

FFFFFF

 CCD500

 FFFF60

 AEB900

 FFFF7F

 909E00

 FFFF9D

 738400

 FFFFBB

 566B00

 FFFFD9

 3A5300

 FFFFF7

 1F3C00

 022600

 000D00

 EAF10F

 EAF10F

 EAF100

 EBF127

 EBF13F

 ECF157

 EDF16F

 EEF187

 EEF1A0

 EFF1B8

 F0F1D0

 F1F1E8

Harmonies

Analogous

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



FFD325



EAF10F



82FF60

Triad

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



EAF10F



00FFFF



FF97FF

Complementary

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



EAF10F



160FF1

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



EAF10F



00FEFF

Square

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



EAF10F



00FFFF



83E3FF



FF91C0

Rectangle

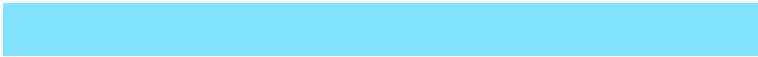
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EAF10F



00FF98



83E3FF



FFA2FF

Sweetspot

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



EAF10F



FDFFB8



F1130F



7E8054



000000



808080

Same Dimension

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



EAF10F



F7FF00



7CF10F



77786C



B2B800



363800

Inverse Universe

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



160FF1



0800FF



840FF1



6C6C78



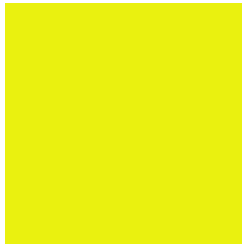
0600B8



020038

Previews

White Background



This preview shows how the Hex color EAF10F looks on a white background.

Color Contrast Check

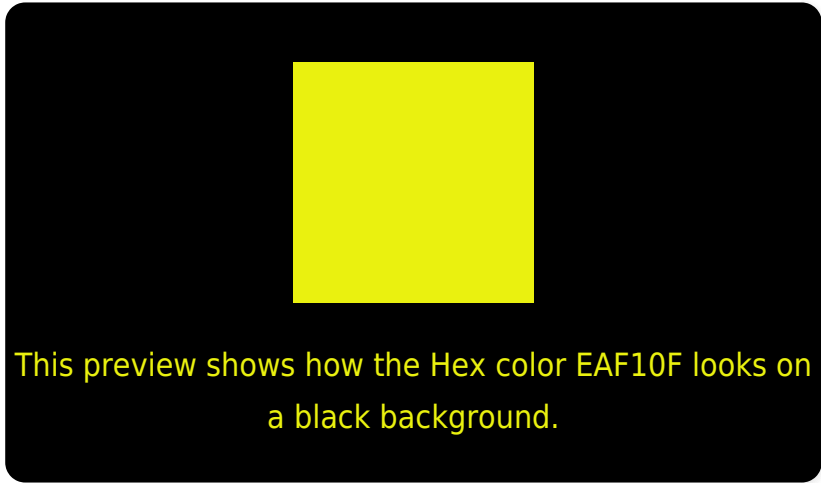
Large Text (above 18pt) WCAG AA × Fail

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 EAF10F Background



This preview shows how black text looks on a background with the Hex color EAF10F.

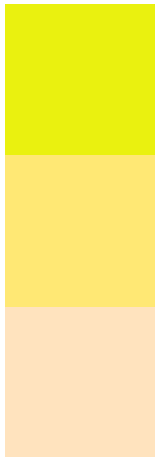


This preview shows how white text looks on a background with the Hex color EAF10F.

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
EAF10F

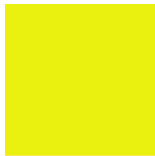
Protanopia
FFE874

Deuteranopia
FFE3BE



Tritanopia
FAE0F2

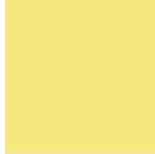
Trichromacy



Original Color
EAF10F



Protanomaly
F7EB4F

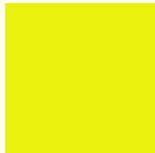


Deuteranomaly
F7E87E

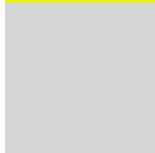


Tritanomaly
F4E69F

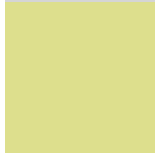
Monochromacy



Original Color
EAF10F



Achromatopsia
D5D5D5



Achromatomaly
DDDF8D

CSS Examples

Text

The CSS property to change the color of the text to Hex EAF10F 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 #EAF10F looks like.

```
.text, #text, p{  
    color:#EAF10F  
}
```

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 #EAF10F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAF10F
}
```

Border

The CSS property to change the border of an element to Hex EAF10F 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
#EAF10F }
```

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

```
.border{ border-color:#EAF10F }
```

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

Here you see how a box with a 4 pixel #EAF10F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAF10F; -webkit-box-shadow:4px 4px  
4px 4px #EAF10F; box-shadow:4px 4px 4px  
4px #EAF10F }
```

Background

The CSS property to change the background color of an element to Hex EAF10F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAF10F }
```

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

```
.background{ background-color:#EAF10F }
```

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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