

# Converting Colors

Hex(EAF43E)

Have a look what the booklet for  
Hex(EAF43E) contains.

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# Color

**Hex(EAF43E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA43E
RGB	234, 244, 62
RGB Percent	92%, 96%, 24%
CMY	0.0824, 0.0431, 0.7569
CMYK	0.04, 0.00, 0.75, 0.04
HSL	63°, 89%, 60%
HSV	63°, 75%, 96%
XYZ	67.1519, 82.5416, 16.9503
YIQ	220.2620, 52.4620, -58.7220

# Conversions

## Conversions Part 2

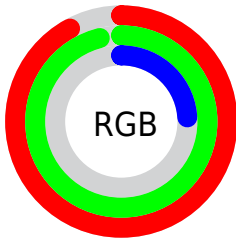
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 244, 72
Decimal	15397950
CIELab	92.81, -23.70, 80.02
CIELCh	93, 83.456, 106.497
Yxy	82.5416, 0.4030, 0.4953
Android (android.graphics.Color)	4293588030 (0xFFEAF43E)
YUV	220.2620, -78.0232, 12.0482
Hunter-Lab	90.8524, -27.0567, 52.5350

# Details

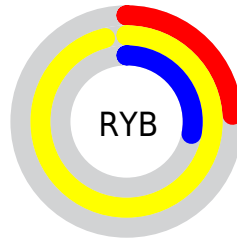
The Hex color **EAF43E** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **483EF4**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF7B**, and **AEBC00** is the 20% darker color. If you saturate the color by 10%, you get **E9F426**, and if you desaturate by 10%, it is **EBF456**.

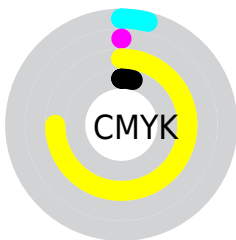
# Distribution



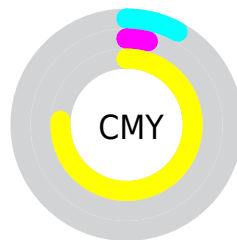
- Red (92%)
- Green (96%)
- Blue (24%)



- Red (24%)
- Yellow (96%)
- Blue (28%)



- Cyan (4%)
- Magenta (0%)
- Yellow (75%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAF43E 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 EAF43E by changing the saturation by 10% instead.



 EAF43E

 EAF43E

FFFFFF

 CCD815

 FFFF7B

 AEBC00

 FFFF98

 91A100

 FFFFB5

 748700

 FFFF D2

 586E00

 FFFFF0

 3C5500

 213E00

 052800

 001200

 EAF43E

 EAF43E

 E9F426

 EBF456

 E7F40D

 EDF46F

 E7F400

 EEF487

 EFF4A0

 F1F4B8

 F2F4D0

 F3F4E9

 F5F4FF

 F6F4FF

# Harmonies

## Analogous

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



FFD942



EAF43E



8CFF75

# Triad

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



EAF43E



00FFFF



FFA4FF

# Complementary

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



EAF43E



483EF4

# 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.



FFC2FF



EAF43E



00FEFF

# Square

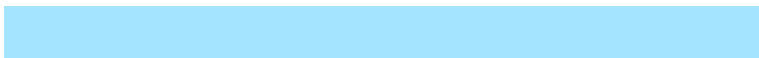
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EAF43E



00FFFF



A5E4FF



FFA0C1

# Rectangle

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



EAF43E



00FFA7



A5E4FF



FFACFF



# Sweetspot

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



EAF43E



FCFFC7



F4473E



7E805E



000000



808080



# Same Dimension

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



EAF43E



F2FF19



90F43E



7A7A6E



B0BA00



373B00



# Inverse Universe

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



483EF4



2619FF



A23EF4



6F6E7A



0A00BA

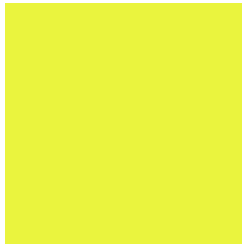


03003B



# Previews

## White Background



This preview shows how the Hex color EAF43E looks on a white background.

## Color Contrast Check

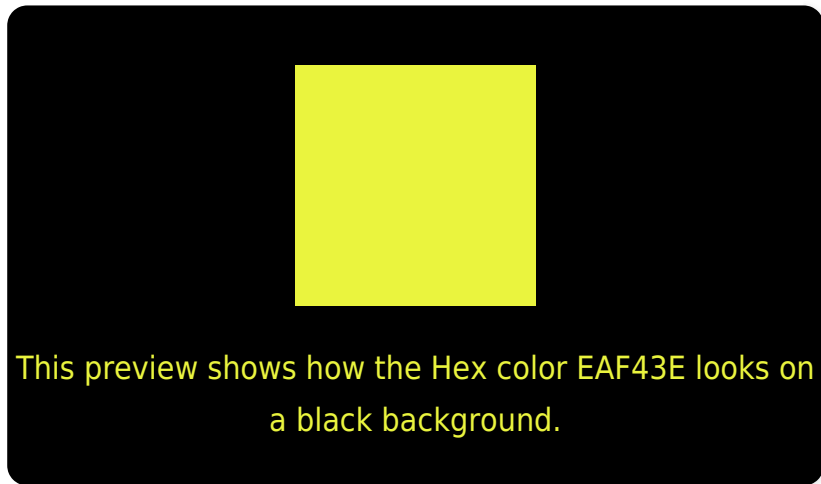
Large Text (above 18pt) WCAG AA × Fail

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 EAF43E Background



This preview shows how black text looks on a background with the Hex color EAF43E.

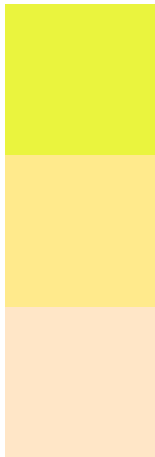


This preview shows how white text looks on a background with the Hex color EAF43E.

# 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**  
EAF43E

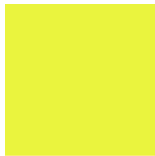
**Protanopia**  
FFEA8C

**Deuteranopia**  
FFE6C7



**Tritanopia**  
FAE4F5

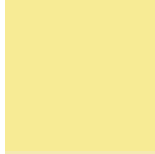
# Trichromacy



**Original Color**  
EAF43E



**Protanomaly**  
F7EE70



**Deuteranomaly**  
F7EB95

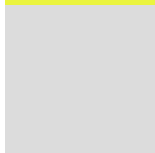


**Tritanomaly**  
F4EAB2

# Monochromacy



**Original Color**  
EAF43E



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
E1E5A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAF43E 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 #EAF43E looks like.

```
.text, #text, p{  
    color:#EAF43E  
}
```

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 #EAF43E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAF43E
}
```

## Border

The CSS property to change the border of an element to Hex EAF43E 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
#EAF43E }
```

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

```
.border{ border-color:#EAF43E }
```

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

Here you see how a box with a 4 pixel #EAF43E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAF43E; -webkit-box-shadow:4px 4px  
4px 4px #EAF43E; box-shadow:4px 4px 4px  
4px #EAF43E }
```

# Background

The CSS property to change the background color of an element to Hex EAF43E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAF43E }
```

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

```
.background{ background-color:#EAF43E }
```

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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