

Converting Colors

Hex(E1EF46)

Have a look what the booklet for
Hex(E1EF46) contains.

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Color

Hex(E1EF46)

Conversions

Conversions Part 1

Format	Color
Hex	E1EF46
RGB	225, 239, 70
RGB Percent	88%, 94%, 27%
CMY	0.1176, 0.0627, 0.7255
CMYK	0.06, 0.00, 0.71, 0.06
HSL	65°, 84%, 61%
HSV	65°, 71%, 94%
XYZ	63.0233, 78.1828, 17.5634
YIQ	215.5480, 45.9050, -55.5270

Conversions

Conversions Part 2

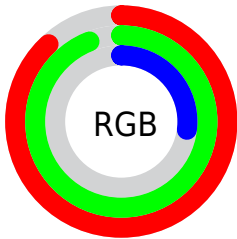
Format	Color
RYB	70, 239, 84
Decimal	14806854
CIELab	90.86, -24.61, 75.38
CIELCh	91, 79.292, 108.084
Yxy	78.1828, 0.3969, 0.4924
Android (android.graphics.Color)	4292996934 (0xFFE1EF46)
YUV	215.5480, -71.7552, 8.2894
Hunter-Lab	88.4210, -27.5084, 50.1177

Details

The Hex color **E1EF46** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5446EF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF80**, and **A6B700** is the 20% darker color. If you saturate the color by 10%, you get **DFEF2E**, and if you desaturate by 10%, it is **E3EF5E**.

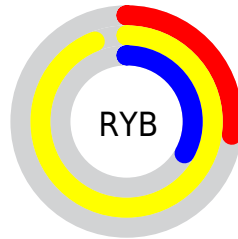
Distribution



Red (88%)

Green (94%)

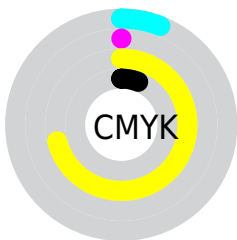
Blue (27%)



Red (27%)

Yellow (94%)

Blue (33%)

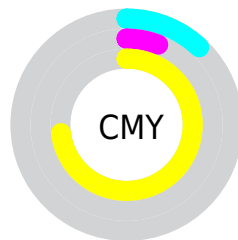


Cyan (6%)

Magenta (0%)

Yellow (71%)

Black (6%)



Cyan (12%)

Magenta (6%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1EF46 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 E1EF46 by changing the saturation by 10% instead.

 E1EF46

 E1EF46

FFFFFF

 C3D324

 FFFF80

 A6B700

 FFFF9D

 899C00

 FFFFBA

 6D8200

 FFFF7D

 516900

 FFFFF5

 355100

 1A3A00

 002400

 000600

 E1EF46

 E1EF46

 DFEF2E

 E3EF5E

 DDEF16

 E5EF76

 DBEF00

 E7EF8E

 E9EFA6

 EBEFBD

 EDEFD5

 EFEFED

 F1EFFF

 F3EFFF

Harmonies

Analogous

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



FFD646



E1EF46



87FF7A

Triad

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



E1EF46



00FFFF



FFA2FF

Complementary

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



E1EF46



5446EF

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.



FFBDFD



E1EF46



00F6FF

Square

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



E1EF46



00FFFF



AEDDFF



FFA1BA

Rectangle

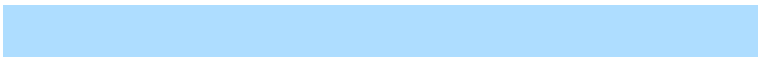
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1EF46



00FFA9



AEDDFF



FFA9FF

Sweetspot

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



E1EF46



FBFFC9



EF5146



7D8060



000000



808080

Same Dimension

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



E1EF46



EDFF26



8FEF46



77786C



A8B800



333800

Inverse Universe

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



5446EF



3826FF



A646EF



6D6C78



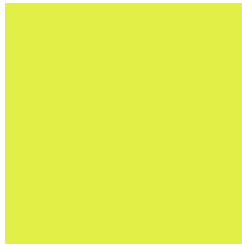
0F00B8



050038

Previews

White Background



This preview shows how the Hex color E1EF46 looks on a white background.

Color Contrast Check

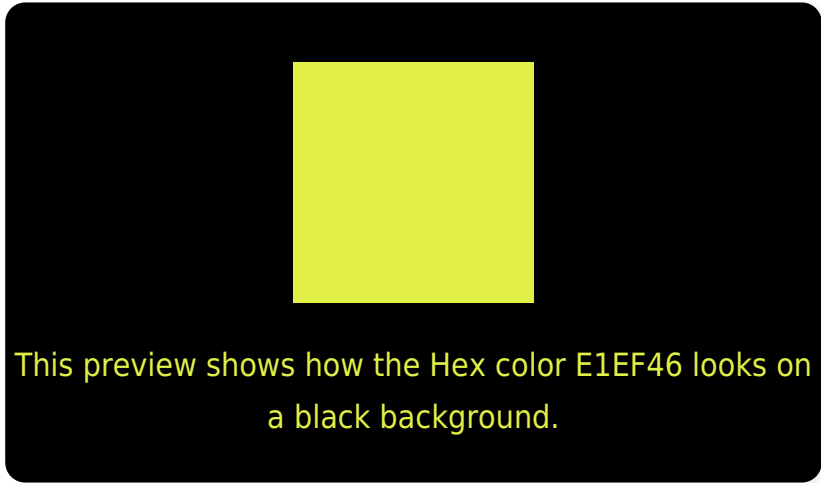
Large Text (above 18pt) WCAG AA × Fail

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 E1EF46 Background



This preview shows how black text looks on a background with the Hex color E1EF46.

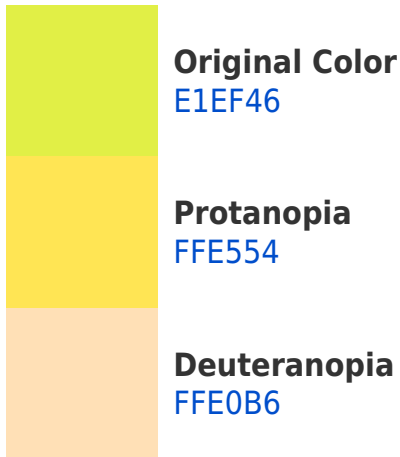


This preview shows how white text looks on a background with the Hex color E1EF46.

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





Tritanopia
F1DFF1

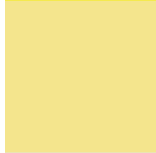
Trichromacy



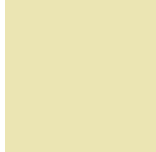
Original Color
E1EF46



Protanomaly
F4E94F



Deuteranomaly
F4E58D

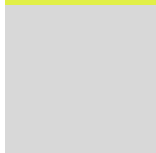


Tritanomaly
EBE5B3

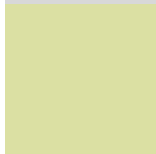
Monochromacy



Original Color
E1EF46



Achromatopsia
D8D8D8



Achromatomaly
DBE0A3

CSS Examples

Text

The CSS property to change the color of the text to Hex E1EF46 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 #E1EF46 looks like.

```
.text, #text, p{  
    color:#E1EF46  
}
```

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 #E1EF46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1EF46
}
```

Border

The CSS property to change the border of an element to Hex E1EF46 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
#E1EF46 }
```

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

```
.border{ border-color:#E1EF46 }
```

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

Here you see how a box with a 4 pixel #E1EF46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1EF46; -webkit-box-shadow:4px 4px  
4px 4px #E1EF46; box-shadow:4px 4px 4px  
4px #E1EF46 }
```

Background

The CSS property to change the background color of an element to Hex E1EF46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1EF46 }
```

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

```
.background{ background-color:#E1EF46 }
```

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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