

Converting Colors

Hex(E3F411)

Have a look what the booklet for
Hex(E3F411) contains.

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Color

Hex(E3F411)

Conversions

Conversions Part 1

Format	Color
Hex	E3F411
RGB	227, 244, 17
RGB Percent	89%, 96%, 7%
CMY	0.1098, 0.0431, 0.9333
CMYK	0.07, 0.00, 0.93, 0.04
HSL	64°, 91%, 51%
HSV	64°, 93%, 96%
XYZ	64.1304, 81.0727, 12.7989
YIQ	213.0390, 62.7350, -74.2010

Conversions

Conversions Part 2

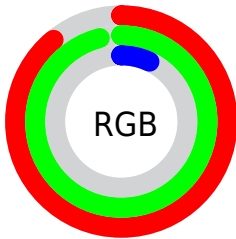
Format	Color
RYB	17, 244, 34
Decimal	14939153
CIELab	92.16, -27.68, 88.52
CIELCh	92, 92.745, 107.366
Yxy	81.0727, 0.4059, 0.5131
Android (android.graphics.Color)	4293129233 (0xFFE3F411)
YUV	213.0390, -96.6472, 12.2438
Hunter-Lab	90.0404, -30.4358, 54.6004

Details

The Hex color **E3F411** 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 **2211F4**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF61**, and **A7BC00** is the 20% darker color. If you saturate the color by 10%, you get **E2F400**, and if you desaturate by 10%, it is **E5F429**.

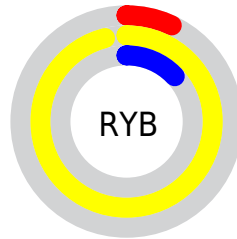
Distribution



Red (89%)

Green (96%)

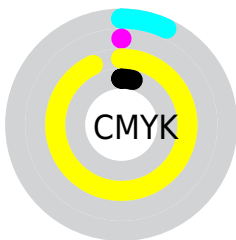
Blue (7%)



Red (7%)

Yellow (96%)

Blue (13%)

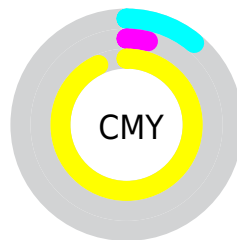


Cyan (7%)

Magenta (0%)

Yellow (93%)

Black (4%)



Cyan (11%)

Magenta (4%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3F411 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 E3F411 by changing the saturation by 10% instead.

 E3F411

 E3F411

FFFFFF

 C5D800

 FFFF61

 A7BC00

 FFFF80

 89A100

 FFFF9E

 6D8700

 FFFFBC

 506E00

 FFFFDA

 335500

 FFFFF8

 173E00

 002800

 000E00

 E3F411

 E3F411

 E2F400

 E5F429

 E7F442

 E8F45A

 EAF473

 ECF48B

 EEF4A3

 F0F4BC

 F2F4D4

 F3F4ED

Harmonies

Analogous

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



FFD71A



E3F411



75FF66

Triad

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



E3F411



00FFFF



FF95FF

Complementary

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



E3F411



2211F4

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.



FFB9FF



E3F411



00FEFF

Square

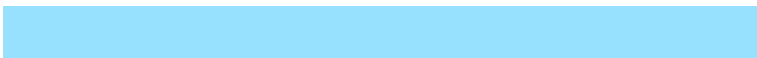
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3F411



00FFFF



97E1FF



FF92B9

Rectangle

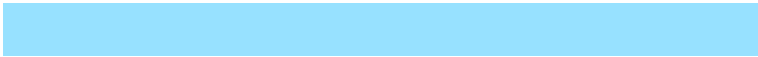
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3F411



00FFA0



97E1FF



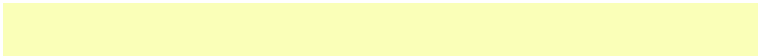
FF9FFF

Sweetspot

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



E3F411



FAFFB8



F42011



7C8054



000000



808080

Same Dimension

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



E3F411



ECFF00



73F411



797A6E



ACBA00



363B00

Inverse Universe

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



2211F4



1300FF



9211F4



6F6E7A



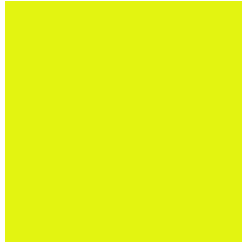
0E00BA



04003B

Previews

White Background



This preview shows how the Hex color E3F411 looks on a white background.

Color Contrast Check

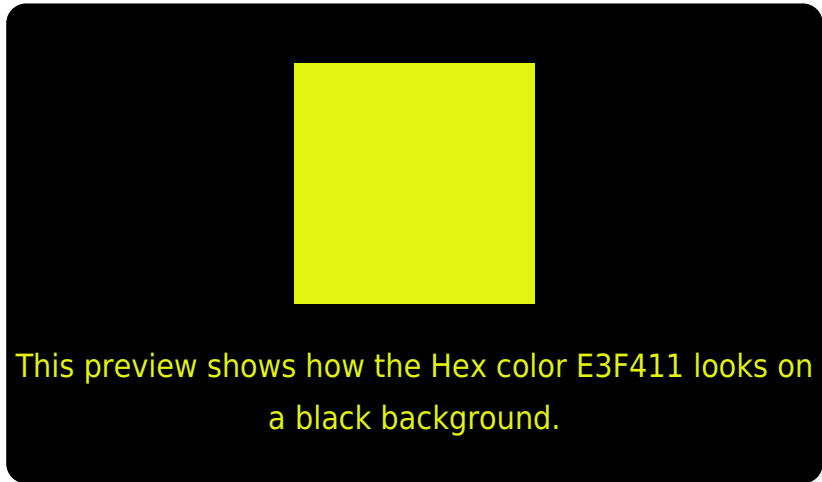
Large Text (above 18pt) WCAG AA × Fail

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 E3F411 Background



This preview shows how black text looks on a background with the Hex color E3F411.

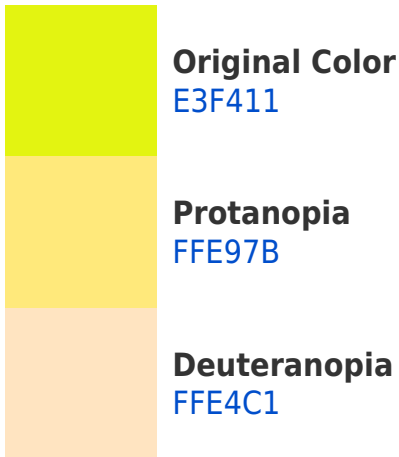


This preview shows how white text looks on a background with the Hex color E3F411.

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](#).

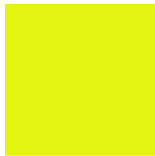
Dichromacy





Tritanopia
F4E3F5

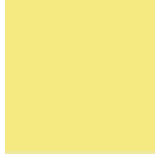
Trichromacy



Original Color
E3F411



Protanomaly
F5ED54



Deuteranomaly
F5EA81

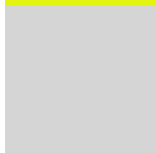


Tritanomaly
EEE9A2

Monochromacy



Original Color
E3F411



Achromatopsia
D5D5D5



Achromatomaly
DAE08E

CSS Examples

Text

The CSS property to change the color of the text to Hex E3F411 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 #E3F411 looks like.

```
.text, #text, p{  
    color:#E3F411  
}
```

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 #E3F411 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3F411
}
```

Border

The CSS property to change the border of an element to Hex E3F411 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
#E3F411 }
```

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

```
.border{ border-color:#E3F411 }
```

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

Here you see how a box with a 4 pixel #E3F411 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3F411; -webkit-box-shadow:4px 4px  
4px 4px #E3F411; box-shadow:4px 4px 4px  
4px #E3F411 }
```

Background

The CSS property to change the background color of an element to Hex E3F411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3F411 }
```

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

```
.background{ background-color:#E3F411 }
```

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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