

# Converting Colors

Hex(E3F407)

Have a look what the booklet for  
Hex(E3F407) contains.

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**Color**

**Hex(E3F407)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3F407
RGB	227, 244, 7
RGB Percent	89%, 96%, 3%
CMY	0.1098, 0.0431, 0.9725
CMYK	0.07, 0.00, 0.97, 0.04
HSL	64°, 94%, 49%
HSV	64°, 97%, 96%
XYZ	64.0676, 81.0476, 12.4680
YIQ	211.8990, 65.9450, -77.3110

# Conversions

## Conversions Part 2

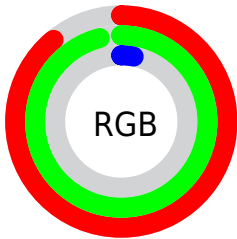
Format	Color
R <sub>Y</sub> B	7, 244, 24
Decimal	14939143
CIE Lab	92.15, -27.78, 89.35
CIE LCh	92, 93.568, 107.269
Yxy	81.0476, 0.4066, 0.5143
Android (android.graphics.Color)	4293129223 (0xFFE3F407)
YUV	211.8990, -101.0152, 13.2436
Hunter-Lab	90.0264, -30.5162, 54.8073

# Details

The Hex color **E3F407** 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 **1807F4**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF5F**, 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 **E5F41F**.

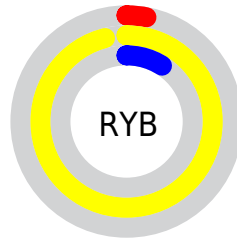
# Distribution



Red (89%)

Green (96%)

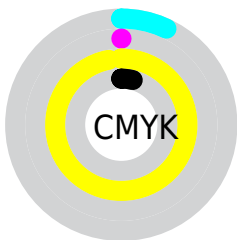
Blue (3%)



Red (3%)

Yellow (96%)

Blue (9%)

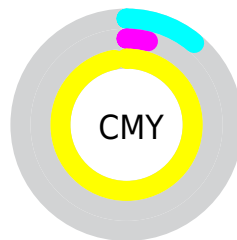


Cyan (7%)

Magenta (0%)

Yellow (97%)

Black (4%)



Cyan (11%)

Magenta (4%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3F407 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 E3F407 by changing the saturation by 10% instead.



 E3F407

 E3F407

FFFFFF

 C5D800

 FFFF5F

 A7BC00

 FFFF7E

 89A100

 FFFF9C

 6D8700

 FFFFB9

 4F6E00

 FFFFD7

 335500

 FFFFF6

 163E00

 002800

 000E00

 E3F407

 E3F407

 E2F400

 E5F41F

 E7F438

 E8F450

 EAF469

 ECF481

 EEF499

 EFF4B2

 F1F4CA

 F3F4E3

# Harmonies

## Analogous

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



FFD615



E3F407



74FF65

# Triad

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



E3F407



00FFFF



FF94FF

# Complementary

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



E3F407



1807F4

# 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.



FFB8FF



E3F407



00FEFF

# Square

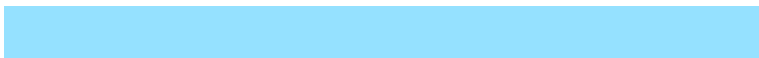
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3F407



00FFFF



95E1FF



FF90B8

# Rectangle

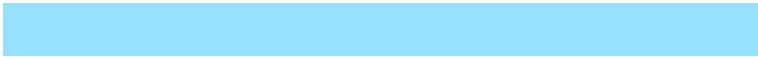
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3F407



00FF9F



95E1FF



FF9EFF



# Sweetspot

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



E3F407



FAFFB5



F41707



7C8053



000000



808080



# Same Dimension

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



E3F407



EDFF00



6EF407



7A7A6E



ADBA00



363B00



# Inverse Universe

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



1807F4



1200FF



8D07F4



6F6E7A



0D00BA

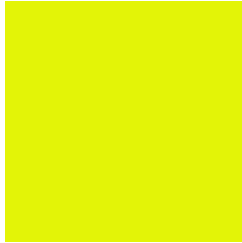


04003B



# Previews

## White Background



This preview shows how the Hex color E3F407 looks on a white background.

## Color Contrast Check

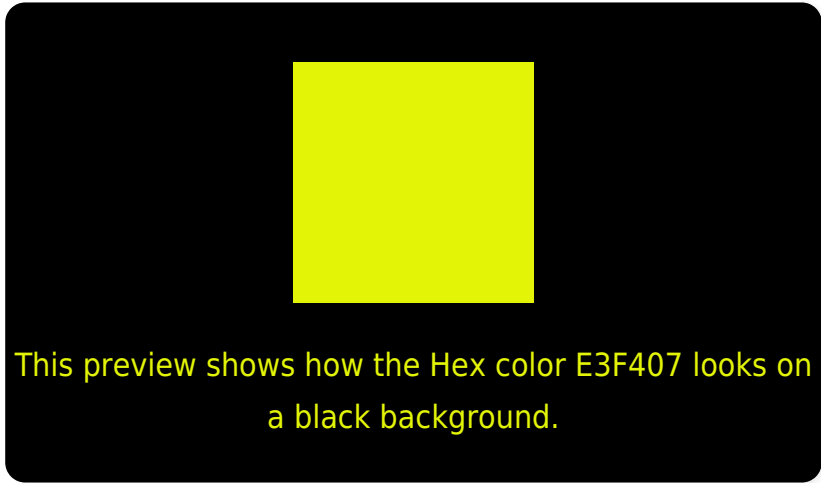
Large Text (above 18pt) WCAG AA × Fail

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 E3F407 Background



This preview shows how black text looks on a background with the Hex color E3F407.

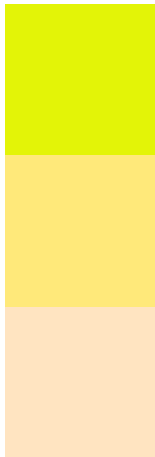


This preview shows how white text looks on a background with the Hex color E3F407.

# 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**  
E3F407

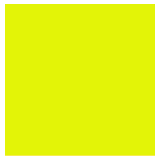
**Protanopia**  
FFE97A

**Deuteranopia**  
FFE4C1



**Tritanopia**  
F4E3F5

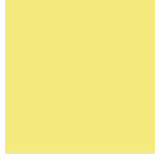
# Trichromacy



**Original Color**  
E3F407



**Protanomaly**  
F5ED50



**Deuteranomaly**  
F5EA7D



**Tritanomaly**  
EEE99E

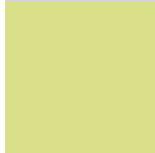
# Monochromacy



**Original Color**  
E3F407



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
D9E089

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3F407 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 #E3F407 looks like.

```
.text, #text, p{  
    color:#E3F407  
}
```

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 #E3F407 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3F407
}
```

## Border

The CSS property to change the border of an element to Hex E3F407 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
#E3F407 }
```

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

```
.border{ border-color:#E3F407 }
```

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

Here you see how a box with a 4 pixel #E3F407 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3F407; -webkit-box-shadow:4px 4px  
4px 4px #E3F407; box-shadow:4px 4px 4px  
4px #E3F407 }
```

# Background

The CSS property to change the background color of an element to Hex E3F407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3F407 }
```

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

```
.background{ background-color:#E3F407 }
```

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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