

Converting Colors

Hex(E3F142)

Have a look what the booklet for
Hex(E3F142) contains.

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Color

Hex(E3F142)

Conversions

Conversions Part 1

Format	Color
Hex	E3F142
RGB	227, 241, 66
RGB Percent	89%, 95%, 26%
CMY	0.1098, 0.0549, 0.7412
CMYK	0.06, 0.00, 0.73, 0.05
HSL	65°, 86%, 60%
HSV	65°, 73%, 95%
XYZ	64.1172, 79.6348, 17.1460
YIQ	216.8640, 47.8310, -57.3930

Conversions

Conversions Part 2

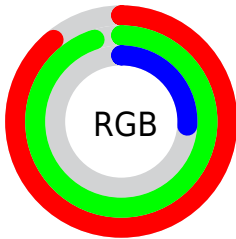
Format	Color
RYB	66, 241, 80
Decimal	14938434
CIELab	91.52, -24.94, 77.38
CIELCh	92, 81.298, 107.864
Yxy	79.6348, 0.3985, 0.4949
Android (android.graphics.Color)	4293128514 (0xFFE3F142)
YUV	216.8640, -74.3760, 8.8893
Hunter-Lab	89.2384, -27.9159, 51.0750

Details

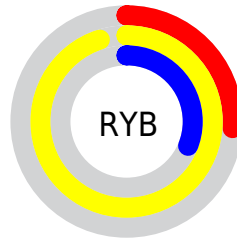
The Hex color **E3F142** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **5042F1**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFF7D**, and **A8B900** is the 20% darker color. If you saturate the color by 10%, you get **E1F12A**, and if you desaturate by 10%, it is **E5F15A**.

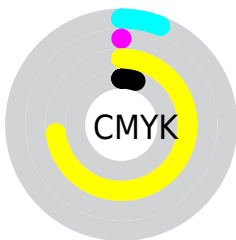
Distribution



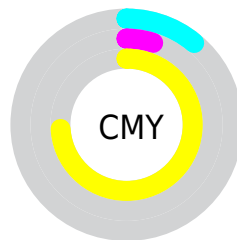
- Red (89%)
- Green (95%)
- Blue (26%)



- Red (26%)
- Yellow (95%)
- Blue (31%)



- Cyan (6%)
- Magenta (0%)
- Yellow (73%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3F142 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 E3F142 by changing the saturation by 10% instead.

 E3F142

 E3F142

FFFFFF

 C5D51D

 FFFF7D

 A8B900

 FFFF9A

 8B9E00

 FFFFB7

 6E8400

 FFFFD4

 536B00

 FFFFF2

 375300

 1B3C00

 002600

 000A00

 E3F142

 E3F142

 E1F12A

 E5F15A

 DFF112

 E7F172

 DEF100

 E9F18A

 EBF1A2

 EDF1BB

 EFF1D3

 F0F1EB

 F2F1FF

 F4F1FF

Harmonies

Analogous

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



FFD743



E3F142



86FF78

Triad

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



E3F142



00FFFF



FFA2FF

Complementary

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



E3F142



5042F1

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.



FFBEFF



E3F142



00F9FF

Square

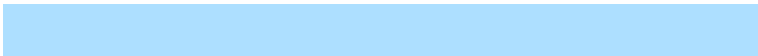
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3F142



00FFFF



ADDFFF



FFA0BB

Rectangle

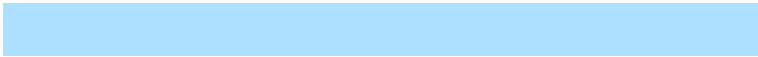
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3F142



00FFA9



ADDFFF



FFA9FF

Sweetspot

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



E3F142



FBFFC7



F14E42



7D805E



000000



808080

Same Dimension

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



E3F142



EDFF21



8EF142



77786C



A9B800



343800

Inverse Universe

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



5042F1



3321FF



A542F1



6D6C78



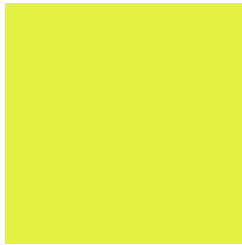
0F00B8



040038

Previews

White Background



This preview shows how the Hex color E3F142 looks on a white background.

Color Contrast Check

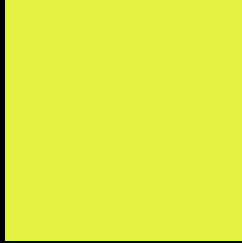
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color E3F142 looks on a 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 E3F142 Background



This preview shows how black text looks on a background with the Hex color E3F142.

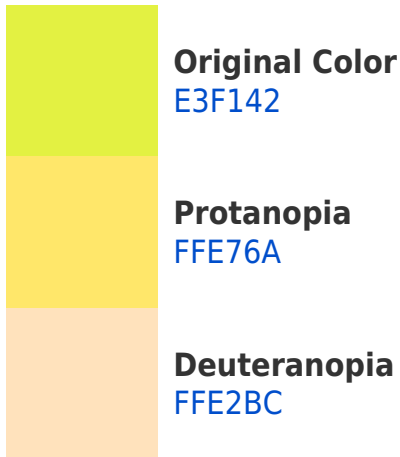


This preview shows how white text looks on a background with the Hex color E3F142.

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
F3E1F3

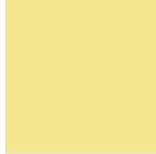
Trichromacy



Original Color
E3F142



Protanomaly
F5EB5B

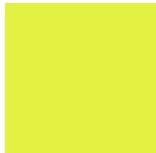


Deuteranomaly
F5E790

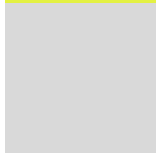


Tritanomaly
EDE7B3

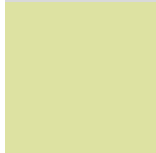
Monochromacy



Original Color
E3F142



Achromatopsia
D9D9D9



Achromatomaly
DDE2A2

CSS Examples

Text

The CSS property to change the color of the text to Hex E3F142 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 #E3F142 looks like.

```
.text, #text, p{  
    color:#E3F142  
}
```

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 #E3F142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3F142
}
```

Border

The CSS property to change the border of an element to Hex E3F142 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
#E3F142 }
```

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

```
.border{ border-color:#E3F142 }
```

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

Here you see how a box with a 4 pixel #E3F142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3F142; -webkit-box-shadow:4px 4px  
4px 4px #E3F142; box-shadow:4px 4px 4px  
4px #E3F142 }
```

Background

The CSS property to change the background color of an element to Hex E3F142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3F142 }
```

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

```
.background{ background-color:#E3F142 }
```

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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