

Converting Colors

Hex(E1F3A7)

Have a look what the booklet for
Hex(E1F3A7) contains.

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Color

Hex(E1F3A7)

Conversions

Conversions Part 1

Format	Color
Hex	E1F3A7
RGB	225, 243, 167
RGB Percent	88%, 95%, 65%
CMY	0.1176, 0.0471, 0.3451
CMYK	0.07, 0.00, 0.31, 0.05
HSL	74°, 76%, 80%
HSV	74°, 31%, 95%
XYZ	70.0770, 82.8988, 48.8668
YIQ	228.9540, 13.6680, -27.4520

Conversions

Conversions Part 2

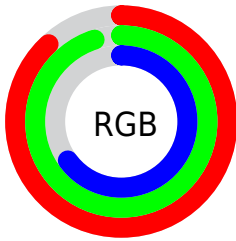
Format	Color
RYB	167, 243, 185
Decimal	14807975
CIELab	92.97, -18.00, 34.75
CIELCh	93, 39.138, 117.381
Yxy	82.8988, 0.3472, 0.4107
Android (android.graphics.Color)	4292998055 (0xFFE1F3A7)
YUV	228.9540, -30.5433, -3.4677
Hunter-Lab	91.0488, -21.9502, 31.9126

Details

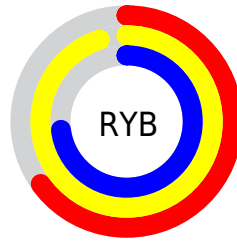
The Hex color **E1F3A7** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **B9A7F3**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFDF**, and **A9BB72** is the 20% darker color. If you saturate the color by 10%, you get **DBF38F**, and if you desaturate by 10%, it is **E7F3BF**.

Distribution



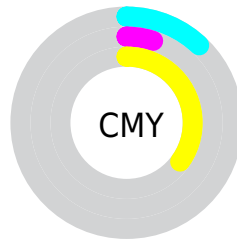
- Red (88%)
- Green (95%)
- Blue (65%)



- Red (65%)
- Yellow (95%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1F3A7 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 E1F3A7 by changing the saturation by 10% instead.

 E1F3A7

 E1F3A7

FFFFFF

 C5D78C

 FFFFDF

 A9BB72

 FFFFFB

 8EA059

 748641

 5A6C29

 415410

 2A3D00

 122700

 001200

 E1F3A7

 E1F3A7

 DBF38F

 E7F3BF

 D5F376

 EDF3D8

 D0F35E

 F2F3F0

 CAF346

 F8F3FF

 C4F32D

 FEF3FF

 BEF315

 FFF3FF

 B9F300

Harmonies

Analogous

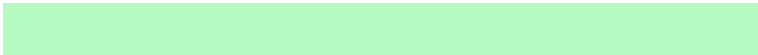
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE79F



E1F3A7



B5FBC1

Triad

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



E1F3A7



81F9FF



FFCFF0

Complementary

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



E1F3A7



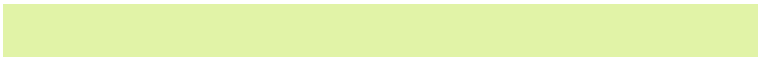
B9A7F3

Split Complementary

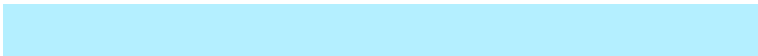
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD6FF



E1F3A7



B4EFFF

Square

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



E1F3A7



70FFFF



ECE2FF



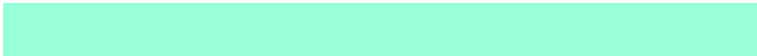
FFD1CA

Rectangle

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



E1F3A7



98FFD9



ECE2FF



FFD0FC

Sweetspot

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



E1F3A7



FAFFE8



F3B9A7



7C8071



000000



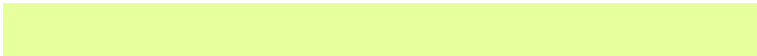
808080

Same Dimension

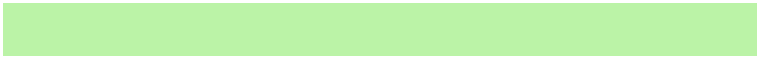
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E1F3A7



E8FF9E



BBF3A7



787A6E



8EBA00



2D3B00

Inverse Universe

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



B9A7F3



B59EFF



DFA7F3



716E7A



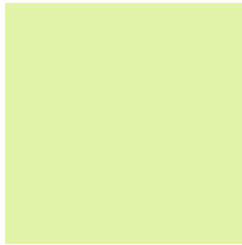
2C00BA



0E003B

Previews

White Background



This preview shows how the Hex color E1F3A7 looks on a white background.

Color Contrast Check

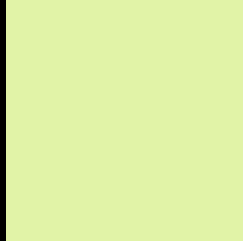
Large Text (above 18pt) WCAG AA × Fail

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 E1F3A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

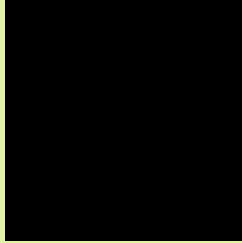
Any Text WCAG AA ✓ Pass

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 E1F3A7 Background



This preview shows how black text looks on a background with the Hex color E1F3A7.

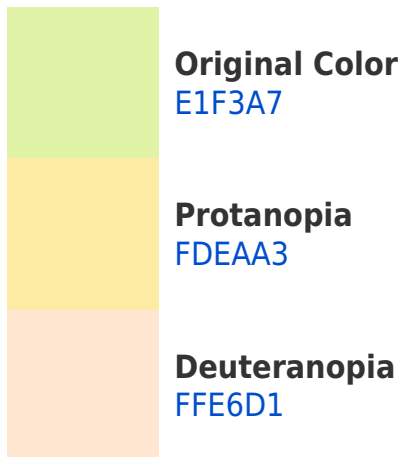


This preview shows how white text looks on a background with the Hex color E1F3A7.

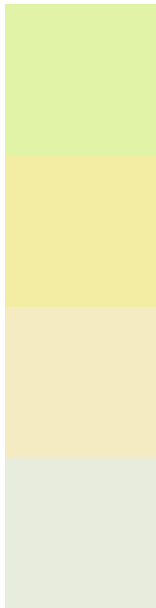
Color Blindness Simulation

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



Trichromacy



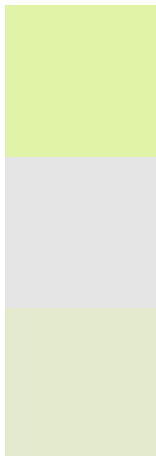
Original Color
E1F3A7

Protanomaly
F3EDA4

Deuteranomaly
F4EBC2

Tritanomaly
E8ECDC

Monochromacy



Original Color
E1F3A7

Achromatopsia
E5E5E5

Achromatomaly
E4EACE

CSS Examples

Text

The CSS property to change the color of the text to Hex E1F3A7 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 #E1F3A7 looks like.

```
.text, #text, p{  
    color:#E1F3A7  
}
```

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 #E1F3A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1F3A7
}
```

Border

The CSS property to change the border of an element to Hex E1F3A7 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
#E1F3A7 }
```

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

```
.border{ border-color:#E1F3A7 }
```

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

Here you see how a box with a 4 pixel #E1F3A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1F3A7; -webkit-box-shadow:4px 4px  
4px 4px #E1F3A7; box-shadow:4px 4px 4px  
4px #E1F3A7 }
```

Background

The CSS property to change the background color of an element to Hex E1F3A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1F3A7 }
```

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

```
.background{ background-color:#E1F3A7 }
```

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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