

Converting Colors

Hex(E3F5A3)

Have a look what the booklet for
Hex(E3F5A3) contains.

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Color

Hex(E3F5A3)

Conversions

Conversions Part 1

Format	Color
Hex	E3F5A3
RGB	227, 245, 163
RGB Percent	89%, 96%, 64%
CMY	0.1098, 0.0392, 0.3608
CMYK	0.07, 0.00, 0.33, 0.04
HSL	73°, 80%, 80%
HSV	73°, 33%, 96%
XYZ	70.9418, 84.2801, 47.1790
YIQ	230.2700, 15.5940, -29.3180

Conversions

Conversions Part 2

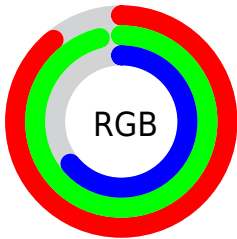
Format	Color
RYB	163, 245, 181
Decimal	14939555
CIELab	93.57, -18.74, 37.58
CIElCh	94, 41.991, 116.511
Yxy	84.2801, 0.3505, 0.4164
Android (android.graphics.Color)	4293129635 (0xFFE3F5A3)
YUV	230.2700, -33.1641, -2.8678
Hunter-Lab	91.8042, -22.7211, 33.7933

Details

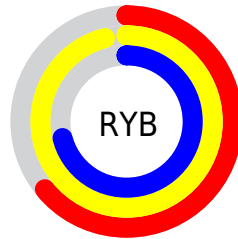
The Hex color **E3F5A3** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **B5A3F5**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFDB**, and **ABBD6E** is the 20% darker color. If you saturate the color by 10%, you get **DEF58B**, and if you desaturate by 10%, it is **E8F5BB**.

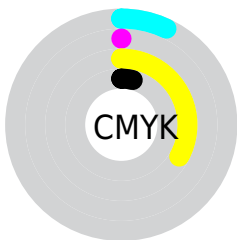
Distribution



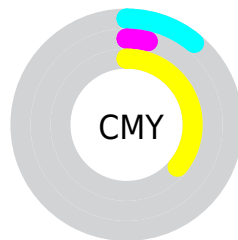
- Red (89%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3F5A3 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 E3F5A3 by changing the saturation by 10% instead.

 E3F5A3

 E3F5A3

FFFFFF

 C7D988

 FFFFDB

 ABBD6E

 FFFFF7

 8FA255

 75873C

 5B6E24

 42560A

 2B3E00

 122800

 001500

 E3F5A3

 E3F5A3

 DEF58B

 E8F5BB

 D8F572

 EEF5D4

 D3F55A

 F3F5EC

 CDF541

 F9F5FF

 C8F529

 FEF5FF

 C3F510

 FFF5FF

 BFF500

Harmonies

Analogous

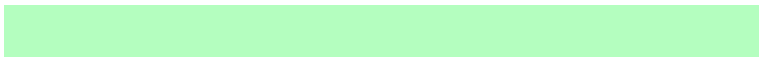
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE89C



E3F5A3



B4FEBF

Triad

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



E3F5A3



74FCFF



FFCEF3

Complementary

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



E3F5A3



B5A3F5

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



E3F5A3



AEF2FF

Square

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



E3F5A3



62FFFF



EBE4FF



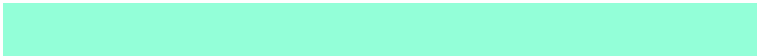
FFD0CA

Rectangle

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



E3F5A3



93FFD8



EBE4FF



FFD0FF

Sweetspot

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



E3F5A3



F9FFE6



F5B5A3



7C8070



000000



808080

Same Dimension

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



E3F5A3



E9FF99



BAF5A3



787A6E



91BA00



2E3B00

Inverse Universe

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



B5A3F5



AF99FF



DEA3F5



716E7A



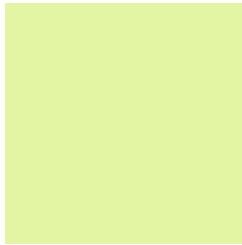
2900BA



0D003B

Previews

White Background



This preview shows how the Hex color E3F5A3 looks on a white background.

Color Contrast Check

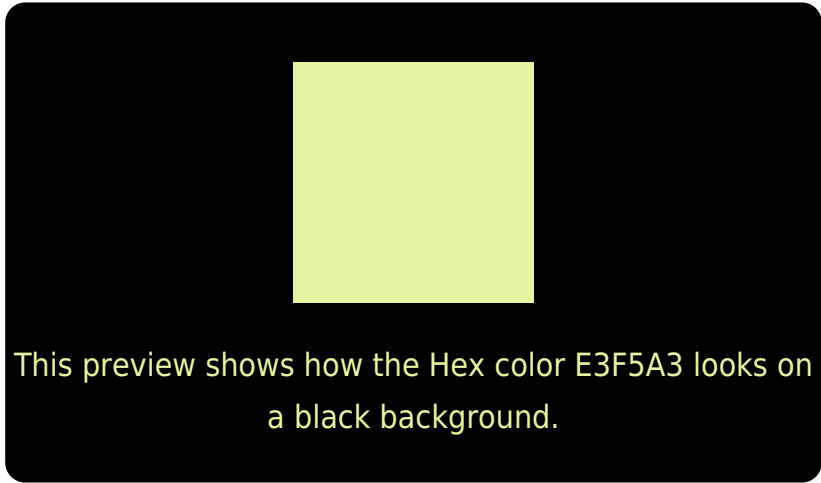
Large Text (above 18pt) WCAG AA × Fail

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

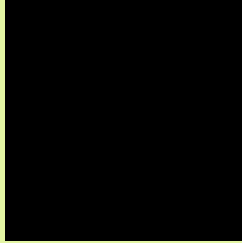
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

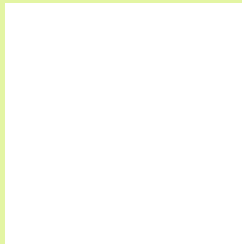
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E3F5A3 Background



This preview shows how black text looks on a background with the Hex color E3F5A3.

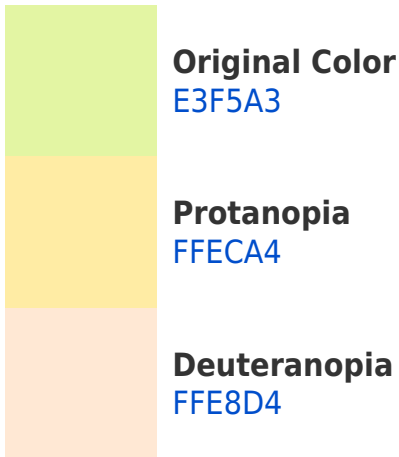


This preview shows how white text looks on a background with the Hex color E3F5A3.

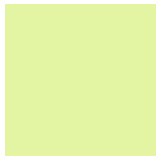
Color Blindness Simulation

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](#).

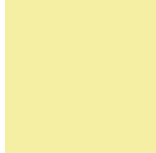
Dichromacy



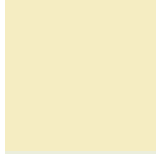
Trichromacy



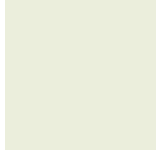
Original Color
E3F5A3



Protanomaly
F5EFA4

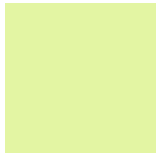


Deuteranomaly
F5EDC2

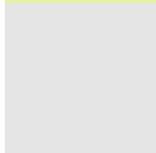


Tritanomaly
EBEEDC

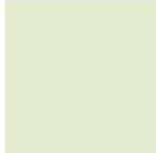
Monochromacy



Original Color
E3F5A3



Achromatopsia
E6E6E6



Achromatomaly
E5EBCE

CSS Examples

Text

The CSS property to change the color of the text to Hex E3F5A3 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 #E3F5A3 looks like.

```
.text, #text, p{  
    color:#E3F5A3  
}
```

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 #E3F5A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3F5A3
}
```

Border

The CSS property to change the border of an element to Hex E3F5A3 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
#E3F5A3 }
```

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

```
.border{ border-color:#E3F5A3 }
```

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

Here you see how a box with a 4 pixel #E3F5A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3F5A3; -webkit-box-shadow:4px 4px  
4px 4px #E3F5A3; box-shadow:4px 4px 4px  
4px #E3F5A3 }
```

Background

The CSS property to change the background color of an element to Hex E3F5A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3F5A3 }
```

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

```
.background{ background-color:#E3F5A3 }
```

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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