

Converting Colors

Hex(E3F37D)

Have a look what the booklet for
Hex(E3F37D) contains.

Hex(E3F37D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E3F37D)

Conversions

Conversions Part 1

Format	Color
Hex	E3F37D
RGB	227, 243, 125
RGB Percent	89%, 95%, 49%
CMY	0.1098, 0.0471, 0.5098
CMYK	0.07, 0.00, 0.49, 0.05
HSL	68°, 83%, 72%
HSV	68°, 49%, 95%
XYZ	67.4308, 81.9127, 31.6588
YIQ	224.7640, 28.3420, -40.0900

Conversions

Conversions Part 2

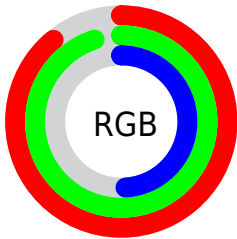
Format	Color
R _Y B	125, 243, 141
Decimal	14939005
CIE Lab	92.54, -21.89, 54.63
CIE LCh	93, 58.856, 111.833
Yxy	81.9127, 0.3725, 0.4526
Android (android.graphics.Color)	4293129085 (0xFFE3F37D)
YUV	224.7640, -49.1837, 1.9610
Hunter-Lab	90.5057, -25.3943, 42.6144

Details

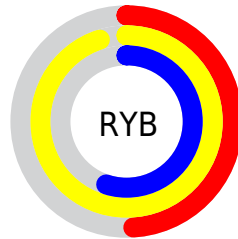
The Hex color **E3F37D** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8D7DF3**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFB4**, and **AABB48** is the 20% darker color. If you saturate the color by 10%, you get **E0F365**, and if you desaturate by 10%, it is **E6F395**.

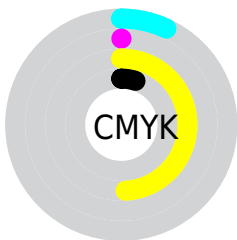
Distribution



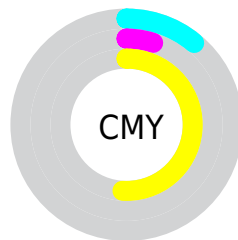
- Red (89%)
- Green (95%)
- Blue (49%)



- Red (49%)
- Yellow (95%)
- Blue (55%)



- Cyan (7%)
- Magenta (0%)
- Yellow (49%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3F37D 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 E3F37D by changing the saturation by 10% instead.

 E3F37D

FFFFFF

 FFFFFB4

 FFFFFD0

 FFFFFED

 E3F37D

 C6D762

 AABB48

 8EA02D

 72860B

 586D00

 3E5400

 243D00

 082700

 001000

 E3F37D

 E3F37D

 E0F365

 E6F395

 DCF34C

 EAF3AE

 D9F334

 EDF3C6

 D6F31C

 F0F3DE

 D3F303

 F3F3F6

 D2F300

 F7F3FF

 FAF3FF

 FDF3FF

 FFF3FF

Harmonies

Analogous

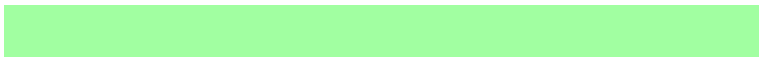
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE178



E3F37D



A1FFA1

Triad

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



E3F37D



00FFFF



FFBDFC

Complementary

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



E3F37D



8D7DF3

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.



FFCBFF



E3F37D



64F4FF

Square

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



E3F37D



00FFFF



D6E1FF



FFBDC2

Rectangle

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



E3F37D



67FFC4



D6E1FF



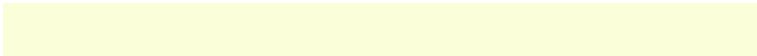
FFC0FF

Sweetspot

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



E3F37D



FAFFD9



F38D7D



7C8069



000000



808080

Same Dimension

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



E3F37D



EBFF6B



A8F37D



797A6E



A1BA00



333B00

Inverse Universe

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



8D7DF3



7F6BFF



C87DF3



706E7A



1900BA



08003B

Previews

White Background



This preview shows how the Hex color E3F37D looks on a white background.

Color Contrast Check

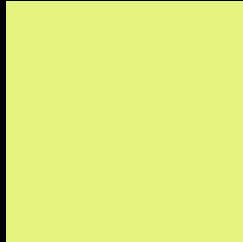
Large Text (above 18pt) WCAG AA × Fail

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 E3F37D 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 E3F37D Background



This preview shows how black text looks on a background with the Hex color E3F37D.

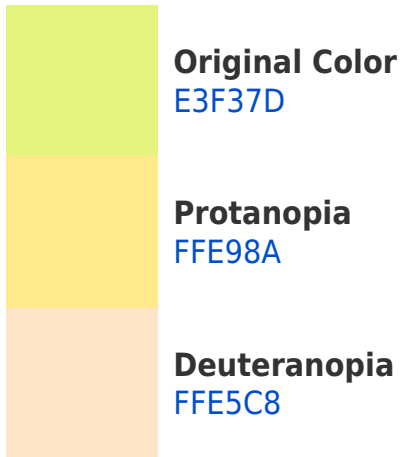


This preview shows how white text looks on a background with the Hex color E3F37D.

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



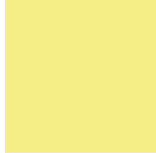


Tritanopia
F1E5F7

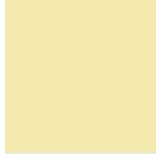
Trichromacy



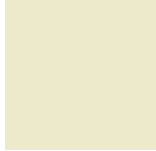
Original Color
E3F37D



Protanomaly
F5ED85



Deuteranomaly
F5EAAD

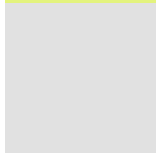


Tritanomaly
ECEACB

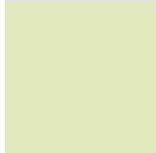
Monochromacy



Original Color
E3F37D



Achromatopsia
E1E1E1



Achromatomaly
E2E8BD

CSS Examples

Text

The CSS property to change the color of the text to Hex E3F37D 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 #E3F37D looks like.

```
.text, #text, p{  
    color:#E3F37D  
}
```

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 #E3F37D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3F37D
}
```

Border

The CSS property to change the border of an element to Hex E3F37D 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
#E3F37D }
```

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

```
.border{ border-color:#E3F37D }
```

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

Here you see how a box with a 4 pixel #E3F37D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3F37D; -webkit-box-shadow:4px 4px  
4px 4px #E3F37D; box-shadow:4px 4px 4px  
4px #E3F37D }
```

Background

The CSS property to change the background color of an element to Hex E3F37D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3F37D }
```

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

```
.background{ background-color:#E3F37D }
```

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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