

Converting Colors

Hex(E1F886)

Have a look what the booklet for
Hex(E1F886) contains.

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Color

Hex(E1F886)

Conversions

Conversions Part 1

Format	Color
Hex	E1F886
RGB	225, 248, 134
RGB Percent	88%, 97%, 53%
CMY	0.1176, 0.0275, 0.4745
CMYK	0.09, 0.00, 0.46, 0.03
HSL	72°, 89%, 75%
HSV	72°, 46%, 97%
XYZ	68.9218, 84.8636, 35.3020
YIQ	228.1270, 22.8860, -40.3300

Conversions

Conversions Part 2

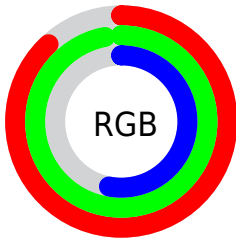
Format	Color
RYB	134, 248, 157
Decimal	14809222
CIELab	93.82, -24.18, 51.96
CIElCh	94, 57.306, 114.955
Yxy	84.8636, 0.3645, 0.4488
Android (android.graphics.Color)	4292999302 (0xFFE1F886)
YUV	228.1270, -46.4046, -2.7424
Hunter-Lab	92.1214, -27.6655, 41.7644

Details

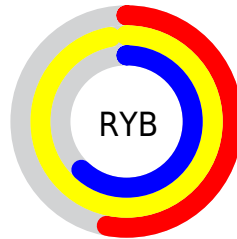
The Hex color **E1F886** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9D86F8**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFBD**, and **A8C051** is the 20% darker color. If you saturate the color by 10%, you get **DCF86D**, and if you desaturate by 10%, it is **E6F89F**.

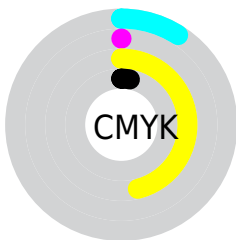
Distribution



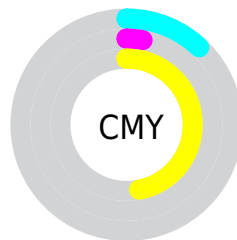
- Red (88%)
- Green (97%)
- Blue (53%)



- Red (53%)
- Yellow (97%)
- Blue (62%)



- Cyan (9%)
- Magenta (0%)
- Yellow (46%)
- Black (3%)



- Cyan (12%)
- Magenta (3%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1F886 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 E1F886 by changing the saturation by 10% instead.

 E1F886

 E1F886

FFFFFF

 C4DB6B

 FFFFBD

 A8C051

 FFFFDA

 8CA437

 FFFFF7

 718A1A

 577100

 3D5800

 234100

 062A00

 001600

 E1F886

 E1F886

 DCF86D

 E6F89F

 D7F854

 EBF8B8

 D2F83C

 F0F8D0

 CDF823

 F5F8E9

 C8F80A

 FAF8FF

 C6F800

 FFF8FF

Harmonies

Analogous

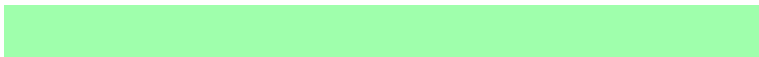
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE77D



E1F886



9FFFAC

Triad

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



E1F886



00FFFF



FFC1F9

Complementary

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



E1F886



9D86F8

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.



FFCEFF



E1F886



7FF6FF

Square

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



E1F886



00FFFF



E4E2FF



FFC4C2

Rectangle

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



E1F886



67FFCF



E4E2FF



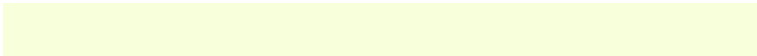
FFC4FF

Sweetspot

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



E1F886



F8FFDB



F89D86



7B806A



000000



808080

Same Dimension

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



E1F886



E3FF73



A8F886



7A7D70



97BD00



313D00

Inverse Universe

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



9D86F8



8F73FF



D686F8



73707D



2600BD



0C003D

Previews

White Background



This preview shows how the Hex color E1F886 looks on a white background.

Color Contrast Check

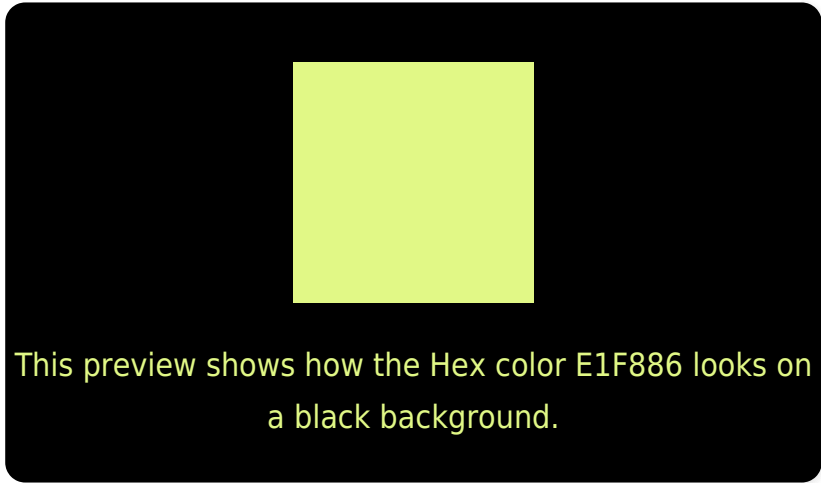
Large Text (above 18pt) WCAG AA × Fail

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 E1F886 Background



This preview shows how black text looks on a background with the Hex color E1F886.

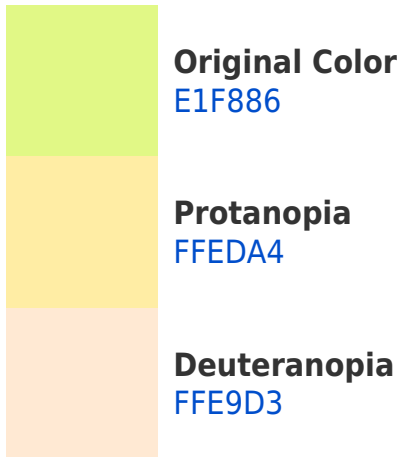


This preview shows how white text looks on a background with the Hex color E1F886.

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](#).

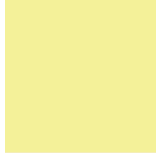
Dichromacy



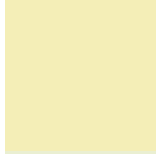
Trichromacy



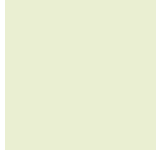
Original Color
E1F886



Protanomaly
F4F199



Deuteranomaly
F4EEB7

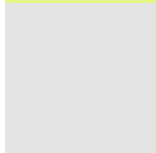


Tritanomaly
EAEFD2

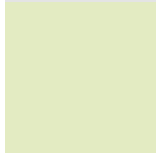
Monochromacy



Original Color
E1F886



Achromatopsia
E4E4E4



Achromatomaly
E3EBC2

CSS Examples

Text

The CSS property to change the color of the text to Hex E1F886 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 #E1F886 looks like.

```
.text, #text, p{  
    color:#E1F886  
}
```

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 #E1F886 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1F886  
}
```

Border

The CSS property to change the border of an element to Hex E1F886 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  
#E1F886 }
```

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

```
.border{ border-color:#E1F886 }
```

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

Here you see how a box with a 4 pixel #E1F886 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1F886; -webkit-box-shadow:4px 4px  
4px 4px #E1F886; box-shadow:4px 4px 4px  
4px #E1F886 }
```

Background

The CSS property to change the background color of an element to Hex E1F886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1F886 }
```

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

```
.background{ background-color:#E1F886 }
```

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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