

# Converting Colors

Hex(EFF879)

Have a look what the booklet for  
Hex(EFF879) contains.

<b>Hex(EFF879)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(EFF879)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFF879
RGB	239, 248, 121
RGB Percent	94%, 97%, 47%
CMY	0.0627, 0.0275, 0.5255
CMYK	0.04, 0.00, 0.51, 0.03
HSL	64°, 90%, 72%
HSV	64°, 51%, 97%
XYZ	72.6152, 86.8660, 31.0287
YIQ	230.8310, 35.4030, -41.4050

# Conversions

## Conversions Part 2

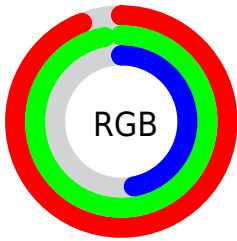
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 248, 130
Decimal	15726713
CIE <sub>Lab</sub>	94.68, -19.99, 59.22
CIE <sub>LCh</sub>	95, 62.499, 108.651
Yxy	86.8660, 0.3812, 0.4560
Android (android.graphics.Color)	4293916793 (0xFFEFF879)
YUV	230.8310, -54.1467, 7.1642
Hunter-Lab	93.2019, -24.0310, 45.5026

# Details

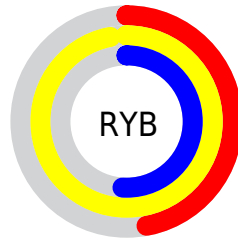
The Hex color **EFF879** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **8279F8**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFB0**, and **B5C043** is the 20% darker color. If you saturate the color by 10%, you get **EDF860**, and if you desaturate by 10%, it is **F1F892**.

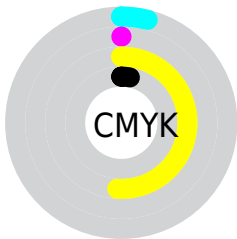
# Distribution



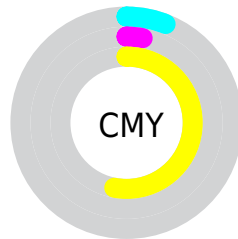
- Red (94%)
- Green (97%)
- Blue (47%)



- Red (47%)
- Yellow (97%)
- Blue (51%)



- Cyan (4%)
- Magenta (0%)
- Yellow (51%)
- Black (3%)



- Cyan (6%)
- Magenta (3%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EFF879 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 EFF879 by changing the saturation by 10% instead.



 EFF879

 EFF879

FFFFFF

 D2DC5E

 FFFFB0

 B5C043

 FFFFCD

 98A526

 FFFFEA

 7D8A00

 627100

 485900

 2D4100

 132B00

 001900

 EFF879

 EFF879

 EDF860

 F1F892

 EBF847

 F3F8AB

 EAF82F

 F4F8C3

 E8F816

 F6F8DC

 E6F800

 F8F8F5

 FAF8FF

 FBF8FF

 FDF8FF

 FFF8FF

# Harmonies

## Analogous

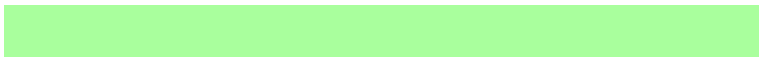
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE477



EFF879



A9FF9D

# Triad

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



EFF879



00FFFF



FFC0FF

# Complementary

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



EFF879



8279F8

# 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.



FFD1FF



EFF879



40FDFF

# Square

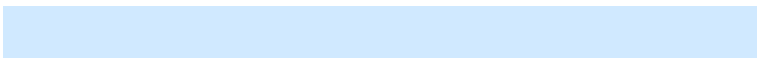
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EFF879



00FFFF



D0E9FF



FFBFCC

# Rectangle

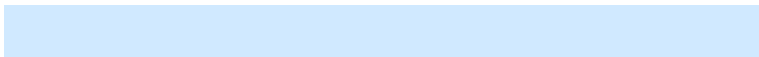
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EFF879



6DFFC2



D0E9FF



FFC4FF



# Sweetspot

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



EFF879



FCFFD9



F88179



7E8069



000000

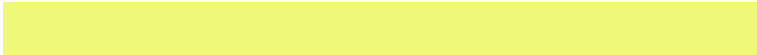


808080



# Same Dimension

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



EFF879



F4FF63



B0F879



7C7D70



AFBD00



393D00



# Inverse Universe

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



8279F8



6E63FF



C179F8



71707D



0D00BD

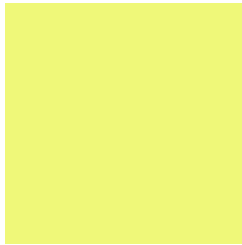


04003D



# Previews

## White Background



This preview shows how the Hex color `EFF879` looks on a white background.

## Color Contrast Check

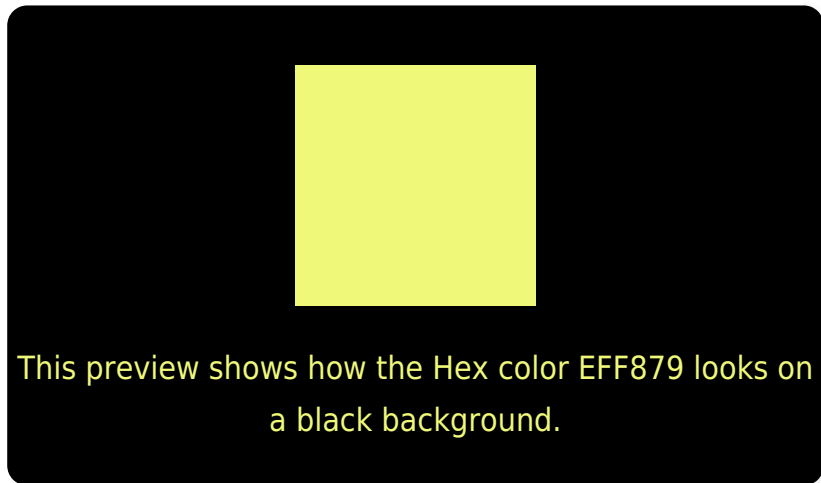
Large Text (above 18pt) WCAG AA × Fail

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 EFF879 Background



This preview shows how black text looks on a background with the Hex color EFF879.

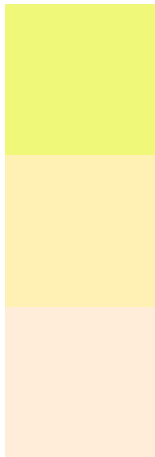


This preview shows how white text looks on a background with the Hex color EFF879.

# 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



**Original Color**  
EFF879

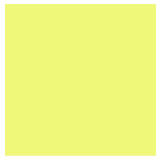
**Protanopia**  
FFF0B3

**Deuteranopia**  
FFEDD9

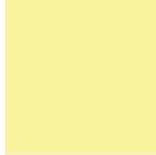


**Tritanopia**  
FDEAFC

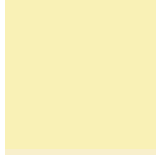
# Trichromacy



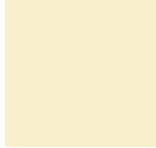
**Original Color**  
EFF879



**Protanomaly**  
F9F39E

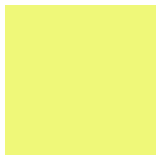


**Deuteranomaly**  
F9F1B6

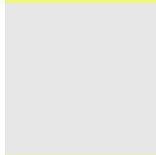


**Tritanomaly**  
F8EFCC

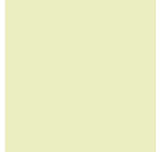
# Monochromacy



**Original Color**  
EFF879



**Achromatopsia**  
E7E7E7



**Achromatomaly**  
EAEDBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EFF879 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 #EFF879 looks like.

```
.text, #text, p{  
    color:#EFF879  
}
```

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 #EFF879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFF879
}
```

## Border

The CSS property to change the border of an element to Hex EFF879 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
#EFF879 }
```

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

```
.border{ border-color:#EFF879 }
```

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

Here you see how a box with a 4 pixel #EFF879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFF879; -webkit-box-shadow:4px 4px  
4px 4px #EFF879; box-shadow:4px 4px 4px  
4px #EFF879 }
```

# Background

The CSS property to change the background color of an element to Hex EFF879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFF879 }
```

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

```
.background{ background-color:#EFF879 }
```

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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