

# Converting Colors

Hex(ECF83A)

Have a look what the booklet for  
Hex(ECF83A) contains.

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**Color**

**Hex(ECF83A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECF83A
RGB	236, 248, 58
RGB Percent	93%, 97%, 23%
CMY	0.0745, 0.0275, 0.7725
CMYK	0.05, 0.00, 0.77, 0.03
HSL	64°, 93%, 60%
HSV	64°, 77%, 97%
XYZ	68.9232, 85.2732, 16.8297
YIQ	222.7520, 53.8380, -61.6340

# Conversions

## Conversions Part 2

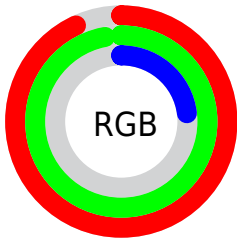
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">58, 248, 70</a>
Decimal	<a href="#">15530042</a>
CIELab	<a href="#">94.00, -24.93, 82.32</a>
CIELCh	<a href="#">94, 86.016, 106.851</a>
Yxy	<a href="#">85.2732, 0.4030, 0.4986</a>
Android (android.graphics.Color)	<a href="#">4293720122 (0xFFECEF83A)</a>
YUV	<a href="#">222.7520, -81.2227, 11.6185</a>
Hunter-Lab	<a href="#">92.3435, -28.3725, 53.8347</a>

# Details

The Hex color **ECF83A** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **463AF8**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFF78**, and **B0C000** is the 20% darker color. If you saturate the color by 10%, you get **EAF821**, and if you desaturate by 10%, it is **EEF853**.

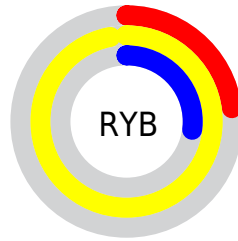
# Distribution



Red (93%)

Green (97%)

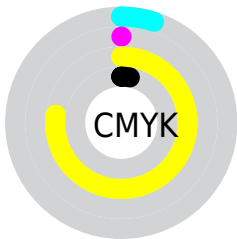
Blue (23%)



Red (23%)

Yellow (97%)

Blue (27%)

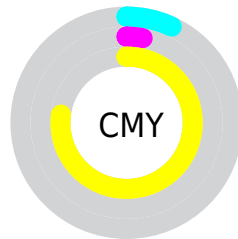


Cyan (5%)

Magenta (0%)

Yellow (77%)

Black (3%)



Cyan (7%)

Magenta (3%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECF83A 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 ECF83A by changing the saturation by 10% instead.



 ECF83A

 ECF83A

FFFFFF

 CEDC09

 FFFF78

 B0C000

 FFFF95

 93A500

 FFFFB3

 768B00

 FFFF00

 5A7100

 FFFFEE

 3E5900

 224100

 052B00

 001700

 ECF83A

 ECF83A

 EAF821

 EEF853

 E9F808

 EFF86C

 E8F800

 F1F884

 F2F89D

 F4F8B6

 F5F8CF

 F7F8E8

 F9F8FF

 FAF8FF

# Harmonies

## Analogous

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



FFDD3E



ECF83A



8AFF75

# Triad

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



ECF83A



00FFFF



FFA4FF

# Complementary

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



ECF83A



463AF8

# 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.



FFC3FF



ECF83A



00FFFF

# Square

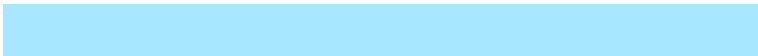
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



ECF83A



00FFFF



A7E7FF



FFA1C2

# Rectangle

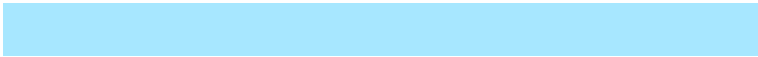
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECF83A



00FFA9



A7E7FF



FFACFF



# Sweetspot

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



ECF83A



FBFFC4



F8443A



7D805C



000000



808080



# Same Dimension

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



ECF83A



F0FF14



8FF83A



7C7D70



B1BD00



393D00



# Inverse Universe

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



463AF8



2314FF



A23AF8



71707D



0C00BD

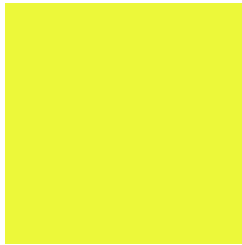


04003D



# Previews

## White Background



This preview shows how the Hex color ECF83A looks on a white background.

## Color Contrast Check

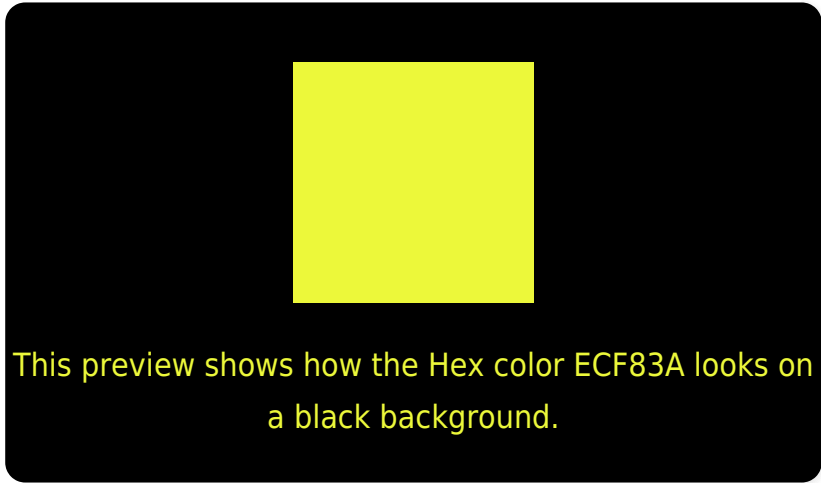
Large Text (above 18pt) WCAG AA × Fail

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 ECF83A Background



This preview shows how black text looks on a background with the Hex color ECF83A.

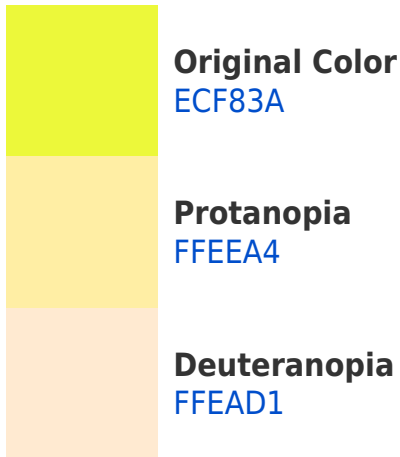


This preview shows how white text looks on a background with the Hex color ECF83A.

# 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](#).

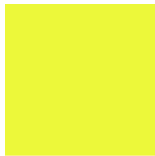
## Dichromacy



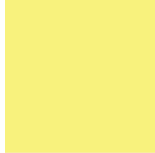


**Tritanopia**  
FDE7F9

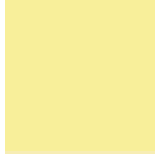
# Trichromacy



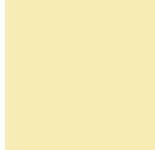
**Original Color**  
ECF83A



**Protanomaly**  
F8F27D



**Deuteranomaly**  
F8EF9A

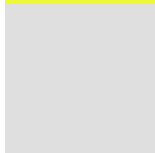


**Tritanomaly**  
F7EDB4

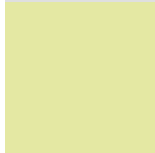
# Monochromacy



**Original Color**  
ECF83A



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
E4E8A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECF83A 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 #ECF83A looks like.

```
.text, #text, p{  
  color:#ECF83A  
}
```

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 #ECF83A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECF83A
}
```

## Border

The CSS property to change the border of an element to Hex ECF83A 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
#ECF83A }
```

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

```
.border{ border-color:#ECF83A }
```

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

Here you see how a box with a 4 pixel #ECF83A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECF83A; -webkit-box-shadow:4px 4px  
4px 4px #ECF83A; box-shadow:4px 4px 4px  
4px #ECF83A }
```

# Background

The CSS property to change the background color of an element to Hex ECF83A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECF83A }
```

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

```
.background{ background-color:#ECF83A }
```

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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