

# Converting Colors

Hex(ECF66F)

Have a look what the booklet for  
Hex(ECF66F) contains.

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# **Color**

**Hex(ECF66F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECF66F
RGB	236, 246, 111
RGB Percent	93%, 96%, 44%
CMY	0.0745, 0.0353, 0.5647
CMYK	0.04, 0.00, 0.55, 0.04
HSL	64°, 88%, 70%
HSV	64°, 55%, 96%
XYZ	70.4171, 84.8921, 27.7134
YIQ	227.6200, 37.3750, -44.1050

# Conversions

## Conversions Part 2

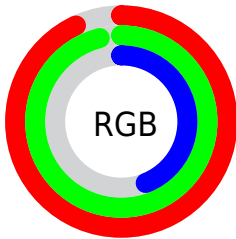
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 246, 121
Decimal	15529583
CIE <sub>Lab</sub>	93.84, -21.01, 62.63
CIE <sub>LCh</sub>	94, 66.055, 108.542
Yxy	84.8921, 0.3847, 0.4638
Android (android.graphics.Color)	4293719663 (0xFFE6CF66F)
YUV	227.6200, -57.4937, 7.3493
Hunter-Lab	92.1369, -24.8182, 46.6623

# Details

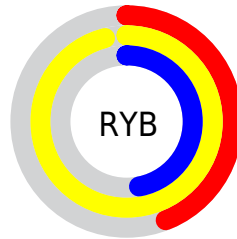
The Hex color **ECF66F** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **796FF6**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFA6**, and **B2BE38** is the 20% darker color. If you saturate the color by 10%, you get **EAF656**, and if you desaturate by 10%, it is **EEF688**.

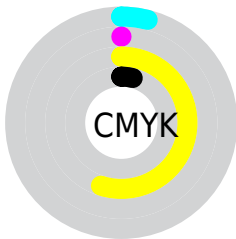
# Distribution



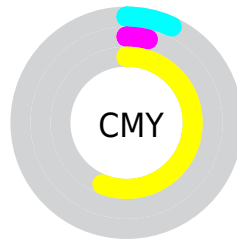
- Red (93%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (47%)



- Cyan (4%)
- Magenta (0%)
- Yellow (55%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECF66F 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 ECF66F by changing the saturation by 10% instead.



 ECF66F

 ECF66F

FFFFFF

 CFDA54

 FFFFA6

 B2BE38

 FFFFC3

 95A317

 FFFFEO

 798900

FFFFFFD

 5E6F00

 445700

 294000

 0E2A00

 001600

 ECF66F

 ECF66F

 EAF656

 EEF688

 E8F63E

 F0F6A0

 E7F625

 F1F6B9

 E5F60D

 F3F6D1

 E4F600

 F5F6EA

 F7F6FF

 F9F6FF

 FBF6FF

 FCF6FF

# Harmonies

## Analogous

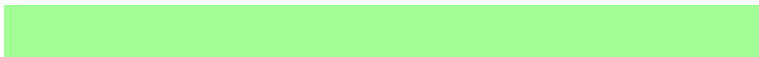
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE16D



ECF66F



A2FF96

# Triad

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



ECF66F



00FFFF



FFBAFF

# Complementary

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



ECF66F



796FF6

# 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.



FFCDFF



ECF66F



00FBFF

# Square

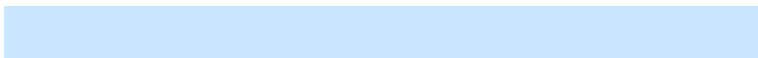
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



ECF66F



00FFFF



CAE6FF



FFB9C8

# Rectangle

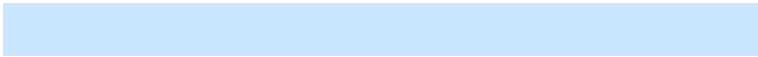
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECF66F



5EFFBC



CAE6FF



FFBFFF



# Sweetspot

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



ECF66F



FCFFD6



F6786F



7E8067



000000



808080



# Same Dimension

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



ECF66F



F3FF57



A9F66F



797A6E



ACBA00



363B00



# Inverse Universe

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



796FF6



6357FF



BB6FF6



6F6E7A



0E00BA

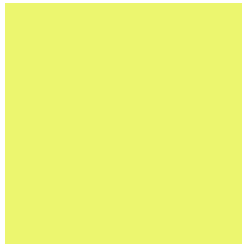


04003B



# Previews

## White Background



This preview shows how the Hex color ECF66F looks on a white background.

## Color Contrast Check

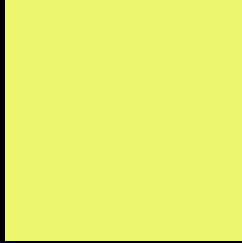
Large Text (above 18pt) WCAG AA × Fail

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 ECF66F 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 ECF66F Background



This preview shows how black text looks on a background with the Hex color ECF66F.

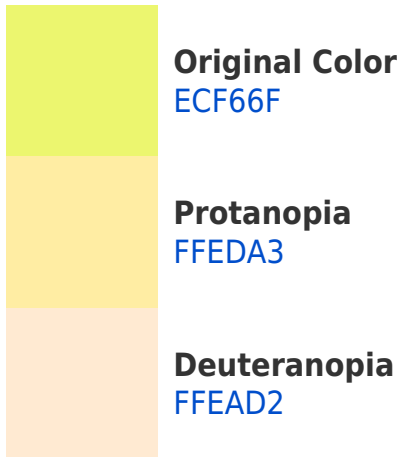


This preview shows how white text looks on a background with the Hex color ECF66F.

# 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](#).

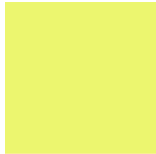
## Dichromacy



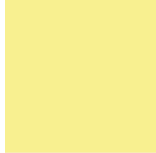


**Tritanopia**  
FBE7F9

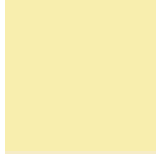
# Trichromacy



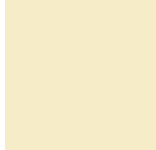
**Original Color**  
ECF66F



**Protanomaly**  
F8F090

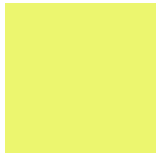


**Deuteranomaly**  
F8EEAE

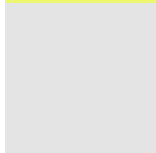


**Tritanomaly**  
F6ECC7

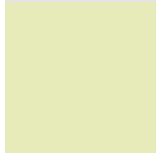
# Monochromacy



**Original Color**  
ECF66F



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
E7EBB9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECF66F 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 #ECF66F looks like.

```
.text, #text, p{  
    color:#ECF66F  
}
```

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 #ECF66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECF66F
}
```

## Border

The CSS property to change the border of an element to Hex ECF66F 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
#ECF66F }
```

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

```
.border{ border-color:#ECF66F }
```

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

Here you see how a box with a 4 pixel #ECF66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECF66F; -webkit-box-shadow:4px 4px  
4px 4px #ECF66F; box-shadow:4px 4px 4px  
4px #ECF66F }
```

# Background

The CSS property to change the background color of an element to Hex ECF66F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECF66F }
```

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

```
.background{ background-color:#ECF66F }
```

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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