

Converting Colors

Hex(FFEC70)

Have a look what the booklet for
Hex(FFEC70) contains.

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Color

Hex(FFEC70)

Conversions

Conversions Part 1

Format	Color
Hex	FFEC70
RGB	255, 236, 112
RGB Percent	100%, 93%, 44%
CMY	0.0000, 0.0745, 0.5608
CMYK	0.00, 0.07, 0.56, 0.00
HSL	52°, 100%, 72%
HSV	52°, 56%, 100%
XYZ	74.1601, 82.4208, 27.3294
YIQ	227.5450, 51.1280, -34.5360

Conversions

Conversions Part 2

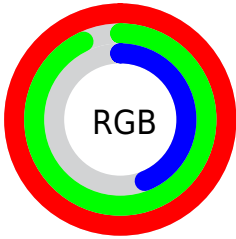
Format	Color
RYB	134, 255, 112
Decimal	16772208
CIELab	92.76, -8.49, 61.36
CIELCh	93, 61.942, 97.876
Yxy	82.4208, 0.4032, 0.4482
Android (android.graphics.Color)	4294962288 (0xFFFFEC70)
YUV	227.5450, -56.9637, 24.0780
Hunter-Lab	90.7859, -13.0643, 45.7020

Details

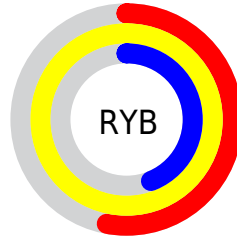
The Hex color **FFEC70** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **7083FF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFA7**, and **C4B43A** is the 20% darker color. If you saturate the color by 10%, you get **FFE957**, and if you desaturate by 10%, it is **FFE8A**.

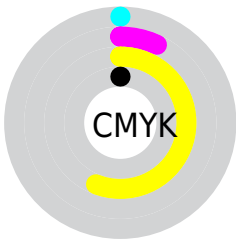
Distribution



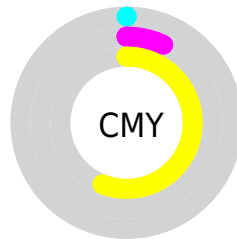
- Red (100%)
- Green (93%)
- Blue (44%)



- Red (53%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (7%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFEC70 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 FFEC70 by changing the saturation by 10% instead.

 FFEC70

 FFEC70

FFFFFF

 E1D055

 FFFFA7

 C4B43A

 FFFFC3

 A79A1B

 FFFFEO

 8A8000

FFFFFFD

 6E6700

 544F00

 393900

 202400

 000F00

 FFEC70

 FFEC70

 FFE957

 FFEF8A

 FFE53D

 FFF3A3

 FFE223

 FFF6BD

 FFDE0A

 FFFAD6

 FFDD00

 FFFDF0

FFFFFF

Harmonies

Analogous

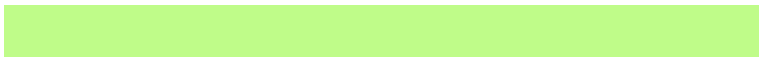
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD77B



FFEC70



BFFC89

Triad

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



FFEC70



00FFFF



FFC0FF

Complementary

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



FFEC70



7083FF

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.



FFD4FF



FFEC70



00FCFF

Square

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



FFEC70



00FFF9



A3EBFF



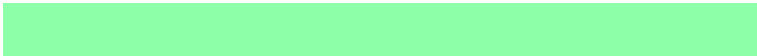
FFB8DD

Rectangle

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



FFEC70



8CFFA8



A3EBFF



FFC6FF

Sweetspot

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



FFEC70



FFF9D4



FF7083



807C66



000000



808080

Same Dimension

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



FFEC70



FFE854



CBFF70



807E73



BFA600



403700

Inverse Universe

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



7083FF



546BFF



A470FF



737480



0019BF



000840

Previews

White Background



This preview shows how the Hex color FFEC70 looks on a white background.

Color Contrast Check

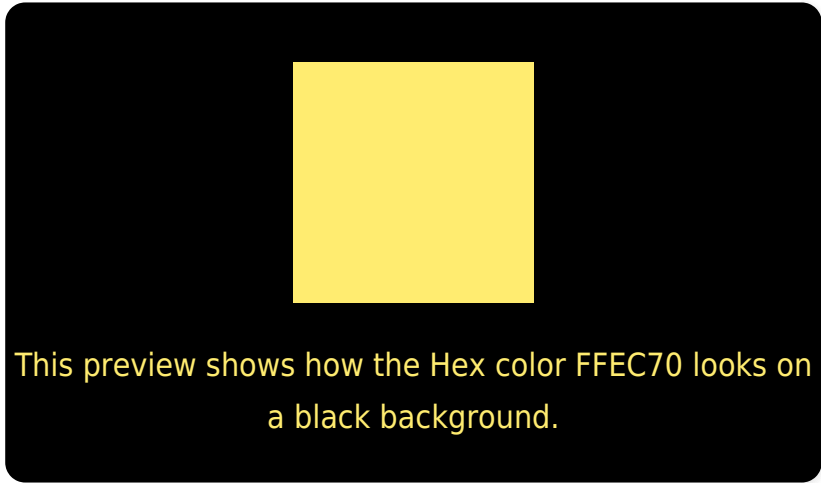
Large Text (above 18pt) WCAG AA × Fail

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 FFEC70 Background



This preview shows how black text looks on a background with the Hex color FFEC70.

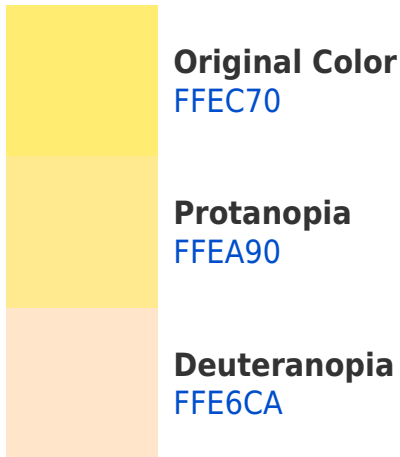


This preview shows how white text looks on a background with the Hex color FFEC70.

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](#).

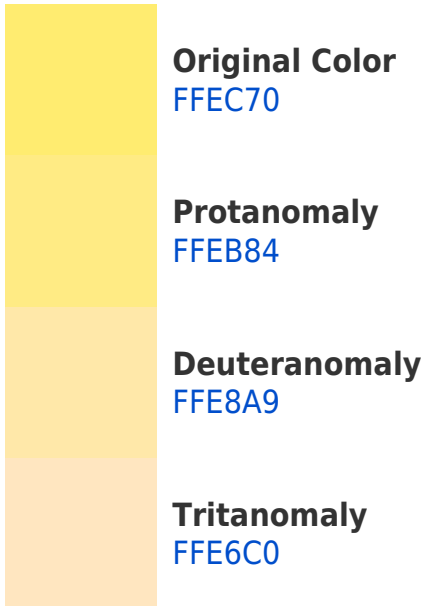
Dichromacy



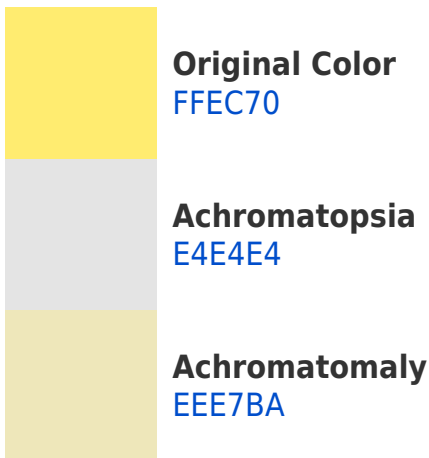


Tritanopia
FFE3ED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFEC70 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 #FFEC70 looks like.

```
.text, #text, p{  
    color:#FFEC70  
}
```

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 #FFEC70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEC70
}
```

Border

The CSS property to change the border of an element to Hex FFEC70 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
#FFEC70 }
```

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

```
.border{ border-color:#FFEC70 }
```

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

Here you see how a box with a 4 pixel #FFEC70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEC70; -webkit-box-shadow:4px 4px  
4px 4px #FFEC70; box-shadow:4px 4px 4px  
4px #FFEC70 }
```

Background

The CSS property to change the background color of an element to Hex FFEC70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFEC70 }
```

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

```
.background{ background-color:#FFEC70 }
```

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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