

Converting Colors

Hex(FFEC71)

Have a look what the booklet for
Hex(FFEC71) contains.

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Color

Hex(FFEC71)

Conversions

Conversions Part 1

Format	Color
Hex	FFEC71
RGB	255, 236, 113
RGB Percent	100%, 93%, 44%
CMY	0.0000, 0.0745, 0.5569
CMYK	0.00, 0.07, 0.56, 0.00
HSL	52°, 100%, 72%
HSV	52°, 56%, 100%
XYZ	74.2161, 82.4432, 27.6243
YIQ	227.6590, 50.8070, -34.2250

Conversions

Conversions Part 2

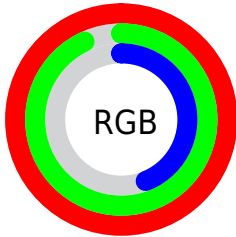
Format	Color
RYB	135, 255, 113
Decimal	16772209
CIELab	92.77, -8.41, 60.92
CIELCh	93, 61.501, 97.863
Yxy	82.4432, 0.4027, 0.4474
Android (android.graphics.Color)	4294962289 (0xFFFFEC71)
YUV	227.6590, -56.5269, 23.9781
Hunter-Lab	90.7982, -12.9956, 45.5205

Details

The Hex color **FFEC71** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7184FF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFA8**, and **C4B43B** is the 20% darker color. If you saturate the color by 10%, you get **FFE958**, and if you desaturate by 10%, it is **FFE88B**.

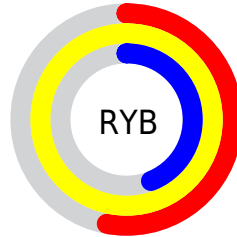
Distribution



Red (100%)

Green (93%)

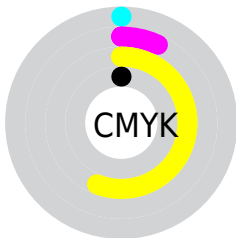
Blue (44%)



Red (53%)

Yellow (100%)

Blue (44%)

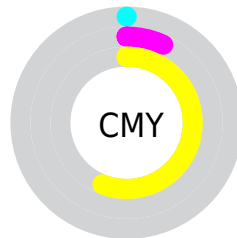


Cyan (0%)

Magenta (7%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Hex color FFEC71 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 FFEC71 by changing the saturation by 10% instead.

 FFEC71

 FFEC71

FFFFFF

 E1D056

 FFFFA8

 C4B43B

 FFFFC4

 A79A1C

 FFFFE1

 8A8000

FFFFFFE

 6F6700

 544F00

 393900

 202400

 000F00

 FFEC71

 FFEC71

 FFE958

 FFEF8B

 FFE53E

 FFF3A4

 FFE224

 FFF6BE

 FFDE0B

 FFFAD7

 FFDD00

 FFFDF1

FFFFFF

Harmonies

Analogous

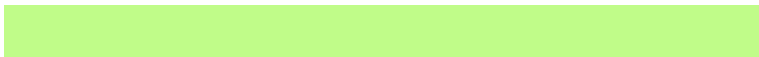
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD77C



FFEC71



C0FC89

Triad

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



FFEC71



00FFFF



FFC0FF

Complementary

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



FFEC71



7184FF

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.



FFD5FF



FFEC71



00FCFF

Square

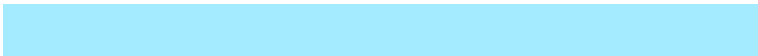
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFEC71



00FFF8



A4EBFF



FFB9DD

Rectangle

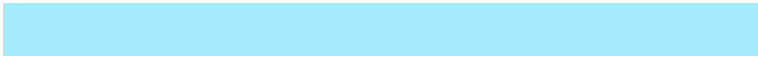
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFEC71



8DFFA9



A4EBFF



FFC6FF

Sweetspot

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



FFEC71



FFF9D4



FF7186



807C66



000000



808080

Same Dimension

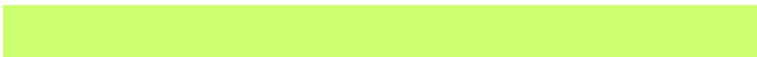
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFEC71



FFE854



CDFF71



807E73



BFA600



403700

Inverse Universe

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



7184FF



546BFF



A371FF



737480



001ABF



000940

Previews

White Background



This preview shows how the Hex color FFEC71 looks on a white background.

Color Contrast Check

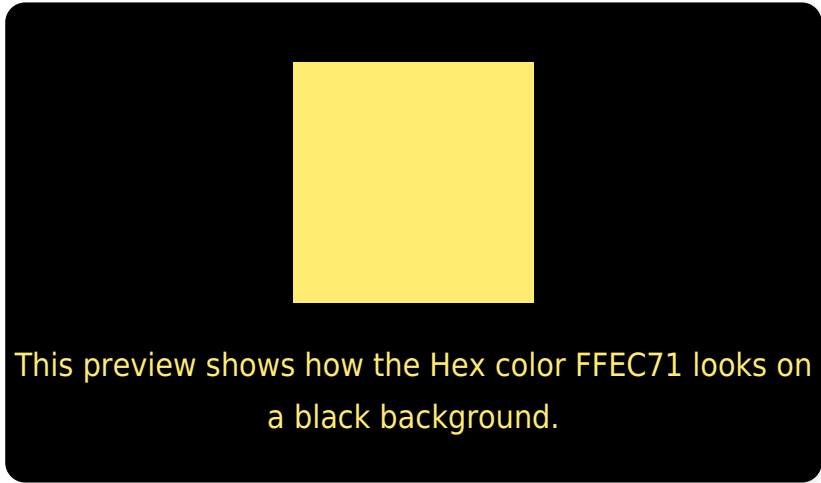
Large Text (above 18pt) WCAG AA × Fail

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 FFEC71 Background



This preview shows how black text looks on a background with the Hex color FFEC71.

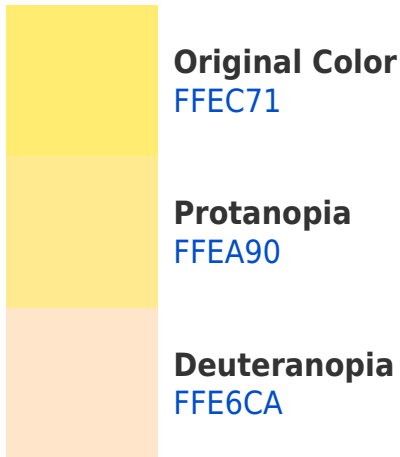


This preview shows how white text looks on a background with the Hex color FFEC71.

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](#).

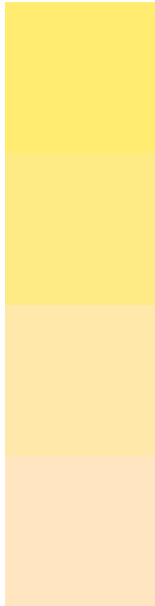
Dichromacy





Tritanopia
FFE3EE

Trichromacy



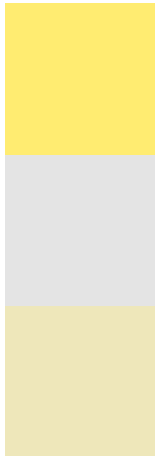
Original Color
FFEC71

Protanomaly
FFEB85

Deuteranomaly
FFE8AA

Tritanomaly
FFE6C1

Monochromacy



Original Color
FFEC71

Achromatopsia
E4E4E4

Achromatomaly
EEE7BA

CSS Examples

Text

The CSS property to change the color of the text to Hex FFEC71 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 #FFEC71 looks like.

```
.text, #text, p{  
    color:#FFEC71  
}
```

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 #FFEC71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEC71
}
```

Border

The CSS property to change the border of an element to Hex FFEC71 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
#FFEC71 }
```

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

```
.border{ border-color:#FFEC71 }
```

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

Here you see how a box with a 4 pixel #FFEC71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEC71; -webkit-box-shadow:4px 4px  
4px 4px #FFEC71; box-shadow:4px 4px 4px  
4px #FFEC71 }
```

Background

The CSS property to change the background color of an element to Hex FFEC71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFEC71 }
```

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

```
.background{ background-color:#FFEC71 }
```

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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