

Converting Colors

Hex(FFEC80)

Have a look what the booklet for
Hex(FFEC80) contains.

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Color

Hex(FFEC80)

Conversions

Conversions Part 1

Format	Color
Hex	FFEC80
RGB	255, 236, 128
RGB Percent	100%, 93%, 50%
CMY	0.0000, 0.0745, 0.4980
CMYK	0.00, 0.07, 0.50, 0.00
HSL	51°, 100%, 75%
HSV	51°, 50%, 100%
XYZ	75.1317, 82.8094, 32.4460
YIQ	229.3690, 45.9920, -29.5600

Conversions

Conversions Part 2

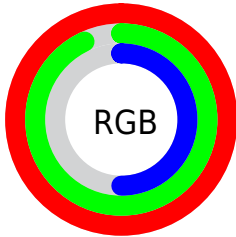
Format	Color
RYB	150, 255, 128
Decimal	16772224
CIELab	92.93, -7.22, 54.23
CIELCh	93, 54.704, 97.586
Yxy	82.8094, 0.3946, 0.4350
Android (android.graphics.Color)	4294962304 (0xFFFFEC80)
YUV	229.3690, -49.9749, 22.4784
Hunter-Lab	90.9997, -11.8751, 42.5599

Details

The Hex color **FFEC80** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8093FF**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFB7**, and **C4B44B** is the 20% darker color. If you saturate the color by 10%, you get **FFE867**, and if you desaturate by 10%, it is **FFF09A**.

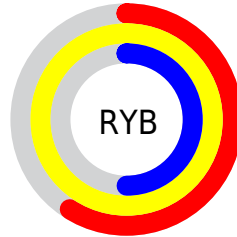
Distribution



Red (100%)

Green (93%)

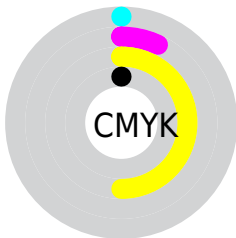
Blue (50%)



Red (59%)

Yellow (100%)

Blue (50%)

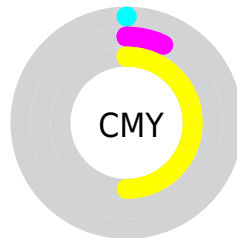


Cyan (0%)

Magenta (7%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFEC80 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 FFEC80 by changing the saturation by 10% instead.

 FFEC80

 FFEC80

FFFFFF

 E1D065

 FFFFB7

 C4B44B

 FFFFD3

 A79A31

 FFFFF0


 8B8013

 706700

 564F00

 3B3900

 222300

 000F00

 #FFEC80

 #FFEC80

 #FFE867

 #FFF09A

 #FFE44D

 #FFF4B3

 #FFE133

 #FFF7CD

 #FFDD1A

 #FFFBE6

 #FFD900

#FFFFFF

Harmonies

Analogous

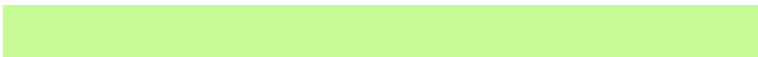
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDA8A



FFEC80



C6FA95

Triad

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



FFEC80



00FFFF



FFC7FF

Complementary

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



FFEC80



8093FF

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.



FFD8FF



FFEC80



33FBFF

Square

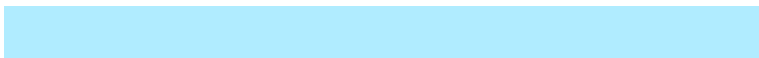
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFEC80



00FFF7



B0ECFF



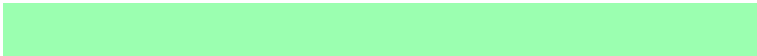
FFC0DF

Rectangle

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



FFEC80



9BFFB0



B0ECFF



FFCCFF

Sweetspot

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



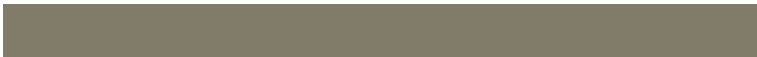
FFEC80



FFF9D9



FF8093



807C69



000000



808080

Same Dimension

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



FFEC80



FFE866



D3FF80



807E73



BFA300



403600

Inverse Universe

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



8093FF



667DFF



AC80FF



737580



001DBF



000A40

Previews

White Background



This preview shows how the Hex color FFEC80 looks on a white background.

Color Contrast Check

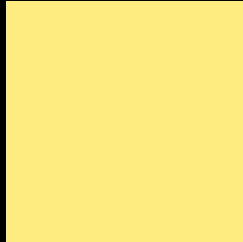
Large Text (above 18pt) WCAG AA × Fail

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 FFEC80 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 FFEC80 Background



This preview shows how black text looks on a background with the Hex color FFEC80.

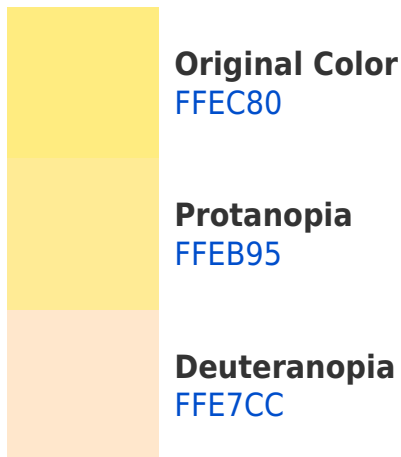


This preview shows how white text looks on a background with the Hex color FFEC80.

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](#).

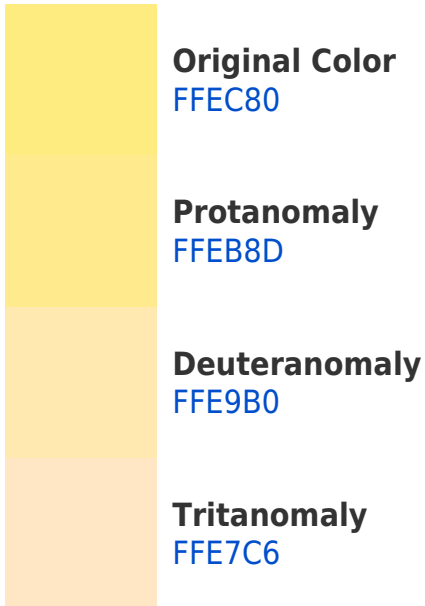
Dichromacy



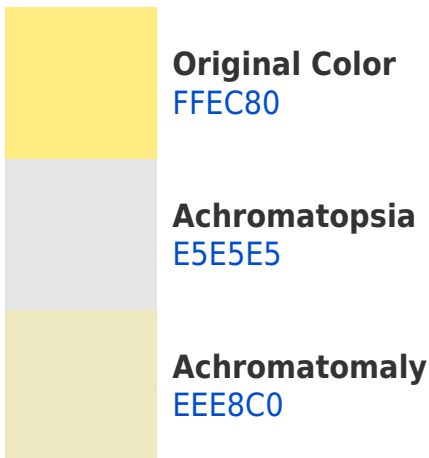


Tritanopia
FFE4EE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFEC80 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 #FFEC80 looks like.

```
.text, #text, p{  
    color:#FFEC80  
}
```

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 #FFEC80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEC80
}
```

Border

The CSS property to change the border of an element to Hex FFEC80 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
#FFEC80 }
```

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

```
.border{ border-color:#FFEC80 }
```

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

Here you see how a box with a 4 pixel #FFEC80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEC80; -webkit-box-shadow:4px 4px  
4px 4px #FFEC80; box-shadow:4px 4px 4px  
4px #FFEC80 }
```

Background

The CSS property to change the background color of an element to Hex FFEC80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFEC80 }
```

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

```
.background{ background-color:#FFEC80 }
```

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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