

Converting Colors

Hex(FFEE80)

Have a look what the booklet for
Hex(FFEE80) contains.

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Color

Hex(FFEE80)

Conversions

Conversions Part 1

Format	Color
Hex	FFEE80
RGB	255, 238, 128
RGB Percent	100%, 93%, 50%
CMY	0.0000, 0.0667, 0.4980
CMYK	0.00, 0.07, 0.50, 0.00
HSL	52°, 100%, 75%
HSV	52°, 50%, 100%
XYZ	75.7108, 83.9676, 32.6391
YIQ	230.5430, 45.4420, -30.6060

Conversions

Conversions Part 2

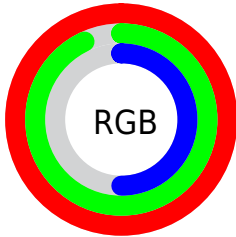
Format	Color
RYB	148, 255, 128
Decimal	16772736
CIELab	93.44, -8.22, 54.83
CIElCh	93, 55.444, 98.521
Yxy	83.9676, 0.3937, 0.4366
Android (android.graphics.Color)	4294962816 (0xFFFFEE80)
YUV	230.5430, -50.5537, 21.4488
Hunter-Lab	91.6338, -12.8768, 43.0252

Details

The Hex color **FFEE80** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8091FF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFB7**, and **C4B64B** is the 20% darker color. If you saturate the color by 10%, you get **FFEB67**, and if you desaturate by 10%, it is **FFF19A**.

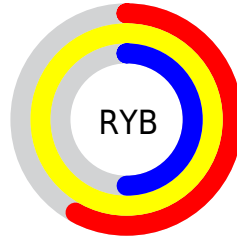
Distribution



Red (100%)

Green (93%)

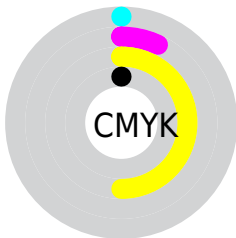
Blue (50%)



Red (58%)

Yellow (100%)

Blue (50%)

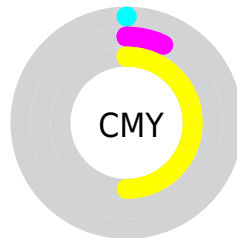


Cyan (0%)

Magenta (7%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Hex color FFEE80 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 FFEE80 by changing the saturation by 10% instead.

 FFEE80

 FFEE80

FFFFFF

 E1D265

 FFFFB7

 C4B64B

 FFFFD3

 A79C30

 FFFFF0

 8B8212

 706900

 555100

 3B3A00

 222500

 001100

 FFEE80

 FFEE80

 FFE867

 FFF19A

 FFE74D

 FFF5B3

 FFE433

 FFF8CD

 FFE01A

 FFFCE6

 FFDD00

FFFFFF

Harmonies

Analogous

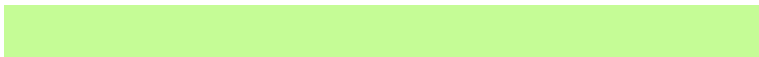
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDC89



FFEE80



C5FC96

Triad

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



FFEE80



00FFFF



FFC7FF

Complementary

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



FFEE80



8091FF

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



FFEE80



34FCFF

Square

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



FFEE80



00FFFA



B3ECFF



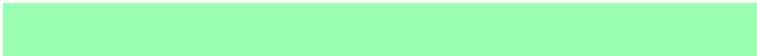
FFC1DF

Rectangle

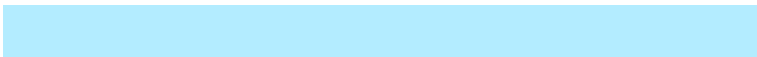
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFEE80



99FFB2



B3ECFF



FFCCFF

Sweetspot

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



FFEE80



FFFAD9



FF8093



807C69



000000



808080

Same Dimension

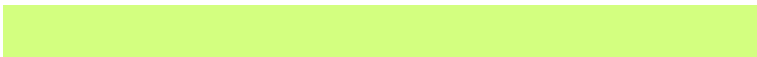
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFEE80



FFEB66



D3FF80



807E73



BFA600



403700

Inverse Universe

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



8091FF



667AFF



AC80FF



737480



001ABF



000940

Previews

White Background



This preview shows how the Hex color FFEE80 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 FFEE80 Background



This preview shows how black text looks on a background with the Hex color FFEE80.

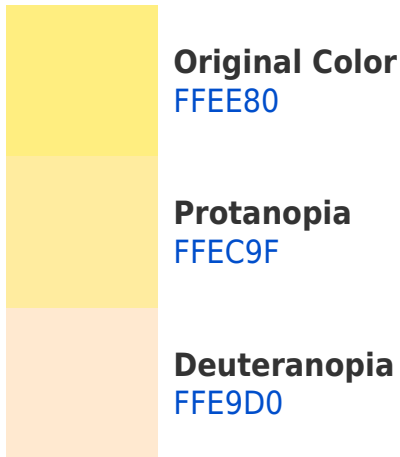


This preview shows how white text looks on a background with the Hex color FFEE80.

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
FFE5F0

Trichromacy



Original Color
FFEE80



Protanomaly
FFED94



Deuteranomaly
FFE8B3

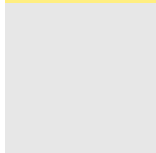


Tritanomaly
FFE8C7

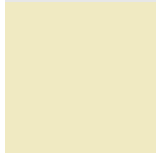
Monochromacy



Original Color
FFEE80



Achromatopsia
E7E7E7



Achromatomaly
F0EAC2

CSS Examples

Text

The CSS property to change the color of the text to Hex FFEE80 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 #FFEE80 looks like.

```
.text, #text, p{  
    color:#FFEE80  
}
```

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 #FFEE80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEE80
}
```

Border

The CSS property to change the border of an element to Hex FFEE80 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
#FFEE80 }
```

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

```
.border{ border-color:#FFEE80 }
```

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

Here you see how a box with a 4 pixel #FFEE80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEE80; -webkit-box-shadow:4px 4px  
4px 4px #FFEE80; box-shadow:4px 4px 4px  
4px #FFEE80 }
```

Background

The CSS property to change the background color of an element to Hex FFEE80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFEE80 }
```

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

```
.background{ background-color:#FFEE80 }
```

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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