

Converting Colors

Hex(FFEC99)

Have a look what the booklet for
Hex(FFEC99) contains.

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Color

Hex(FFEC99)

Conversions

Conversions Part 1

Format	Color
Hex	FFEC99
RGB	255, 236, 153
RGB Percent	100%, 93%, 60%
CMY	0.0000, 0.0745, 0.4000
CMYK	0.00, 0.07, 0.40, 0.00
HSL	49°, 100%, 80%
HSV	49°, 40%, 100%
XYZ	76.9852, 83.5508, 42.2064
YIQ	232.2190, 37.9670, -21.7850

Conversions

Conversions Part 2

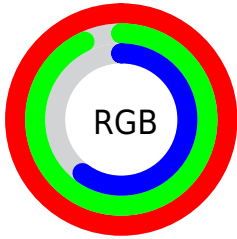
Format	Color
RYB	176, 255, 153
Decimal	16772249
CIELab	93.26, -4.85, 42.54
CIElCh	93, 42.820, 96.501
Yxy	83.5508, 0.3797, 0.4121
Android (android.graphics.Color)	4294962329 (0xFFFFEC99)
YUV	232.2190, -39.0550, 19.9789
Hunter-Lab	91.4061, -9.6222, 36.6074

Details

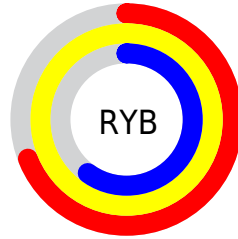
The Hex color **FFEC99** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **99ACFF**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFD0**, and **C5B465** is the 20% darker color. If you saturate the color by 10%, you get **FFE780**, and if you desaturate by 10%, it is **FFF1B3**.

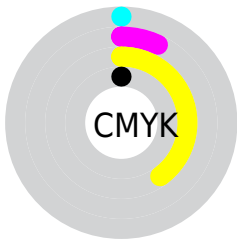
Distribution



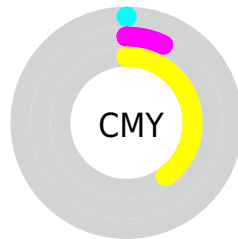
- Red (100%)
- Green (93%)
- Blue (60%)



- Red (69%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFEC99 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 FFEC99 by changing the saturation by 10% instead.

 FFEC99

 FFEC99

FFFFFF

 E2D07E

 FFFFD0

 C5B465

 FFFFED

 A99A4B

 8D8033

 726719

 584F00

 3F3800

 262300

 060F00

 FFEC99

 FFEC99

 FFE780

 FFF1B3

 FFE366

 FFF6CC

 FFDE4D

 FFFAE6

 FFD933

FFFFFF

 FFD419

 FFD000

Harmonies

Analogous

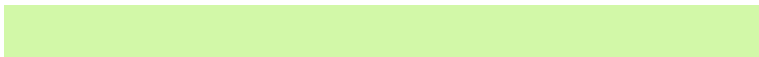
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDEA1



FFEC99



D2F8A8

Triad

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



FFEC99



5AFFFF



FFD1FF

Complementary

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



FFEC99



99ACFF

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.



FDDEFF



FFEC99



81F9FF

Square

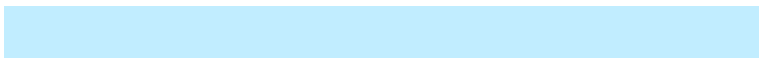
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFEC99



70FFF4



C1EDFF



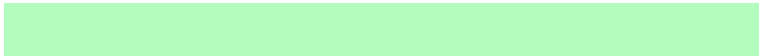
FFCCE4

Rectangle

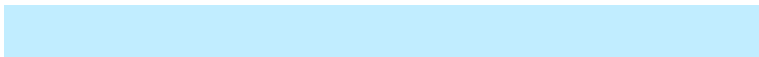
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFEC99



B2FDBD



C1EDFF



FFD5FF

Sweetspot

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



FFEC99



FFF9E0



FF99AD



807C6E



000000



808080

Same Dimension

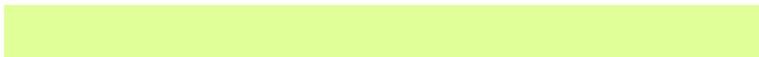
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFEC99



FFE885



E0FF99



807D73



BF9C00



403400

Inverse Universe

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



99ACFF



859BFF



B899FF



737580



0024BF



000C40

Previews

White Background



This preview shows how the Hex color FFEC99 looks on a white background.

Color Contrast Check

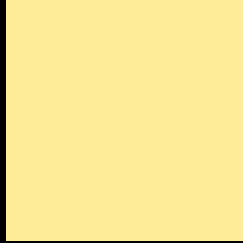
Large Text (above 18pt) WCAG AA × Fail

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 FFEC99 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 FFEC99 Background



This preview shows how black text looks on a background with the Hex color FFEC99.

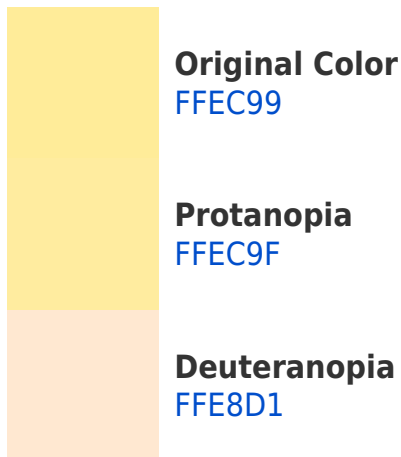


This preview shows how white text looks on a background with the Hex color FFEC99.

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](#).

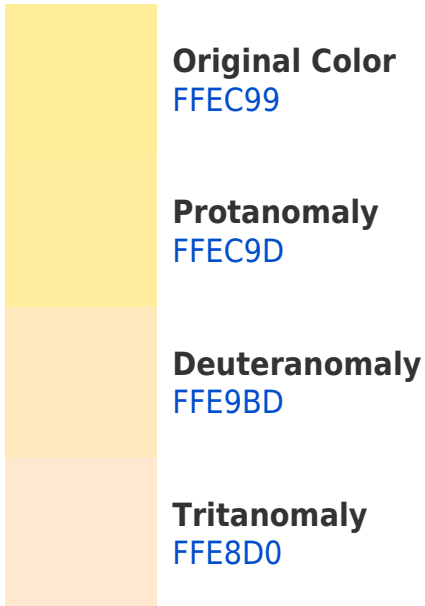
Dichromacy



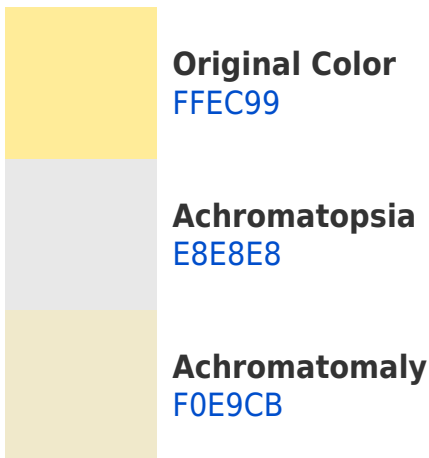


Tritanopia
FFE5F0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFEC99 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 #FFEC99 looks like.

```
.text, #text, p{  
    color:#FFEC99  
}
```

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 #FFEC99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEC99
}
```

Border

The CSS property to change the border of an element to Hex FFEC99 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
#FFEC99 }
```

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

```
.border{ border-color:#FFEC99 }
```

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

Here you see how a box with a 4 pixel #FFEC99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEC99; -webkit-box-shadow:4px 4px  
4px 4px #FFEC99; box-shadow:4px 4px 4px  
4px #FFEC99 }
```

Background

The CSS property to change the background color of an element to Hex FFEC99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFEC99 }
```

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

```
.background{ background-color:#FFEC99 }
```

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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