

# Converting Colors

Hex(FFE999)

Have a look what the booklet for  
Hex(FFE999) contains.

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**Color**

**Hex(FFE999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE999
RGB	255, 233, 153
RGB Percent	100%, 91%, 60%
CMY	0.0000, 0.0863, 0.4000
CMYK	0.00, 0.09, 0.40, 0.00
HSL	47°, 100%, 80%
HSV	47°, 40%, 100%
XYZ	76.1287, 81.8377, 41.9208
YIQ	230.4580, 38.7920, -20.2160

# Conversions

## Conversions Part 2

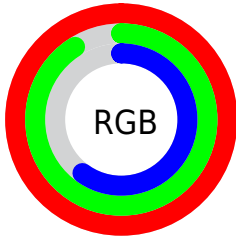
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 255, 153
Decimal	16771481
CIE <sub>Lab</sub>	92.50, -3.34, 41.58
CIE <sub>LCh</sub>	93, 41.712, 94.596
Yxy	81.8377, 0.3809, 0.4094
Android (android.graphics.Color)	4294961561 (0xFFFFE999)
YUV	230.4580, -38.1868, 21.5233
Hunter-Lab	90.4642, -8.0986, 35.8501

# Details

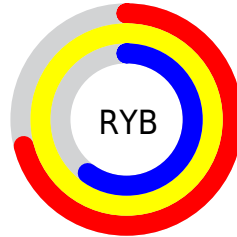
The Hex color **FFE999** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **99AFFF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFD0**, and **C5B265** is the 20% darker color. If you saturate the color by 10%, you get **FFE380**, and if you desaturate by 10%, it is **FFEFB3**.

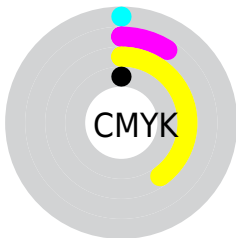
# Distribution



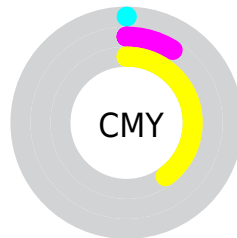
- Red (100%)
- Green (91%)
- Blue (60%)



- Red (71%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (9%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE999 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 FFE999 by changing the saturation by 10% instead.



 FFE999

 FFE999

FFFFFF

 E2CD7E

 FFFFD0

 C5B265

 FFFFED

 A9974C

 8D7D33

 72641A

 584D00

 3F3600

 262100

 050B00

 FFE999

 FFE999

 FFE380

 FFEFB3

 FFDE66

 FFF4CC

 FFD84D

 FFFAE6

 FFD333

FFFFFF

 FFCD19

 FFC800

# Harmonies

## Analogous

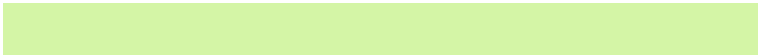
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDBA2



FFE999



D4F5A6

# Triad

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



FFE999



5EFEFF



FFD0FF

# Complementary

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



FFE999



99AFFF

# 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.



F7DDFF



FFE999



7FF7FF

# Square

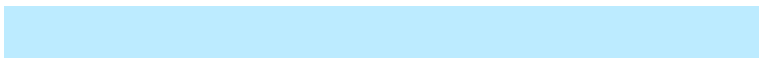
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFE999



76FFEF



BCEBFF



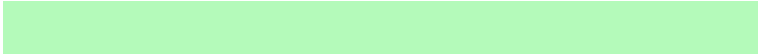
FFCBE5

# Rectangle

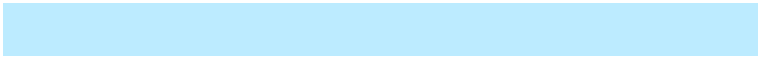
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE999



B4FABA



BCEBFF



FFD4FF

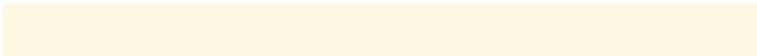


# Sweetspot

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



FFE999



FFF8E0



FF99AF



807C6E



000000



808080



# Same Dimension

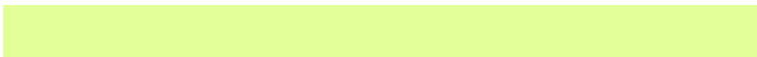
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFE999



FFE585



E2FF99



807D73



BF9600



403200



# Inverse Universe

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



99AFFF



859FFF



B699FF



737680



0029BF



000E40



# Previews

## White Background



This preview shows how the Hex color FFE999 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

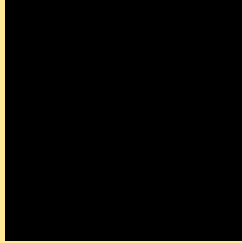
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFE999 Background



This preview shows how black text looks on a background with the Hex color FFE999.

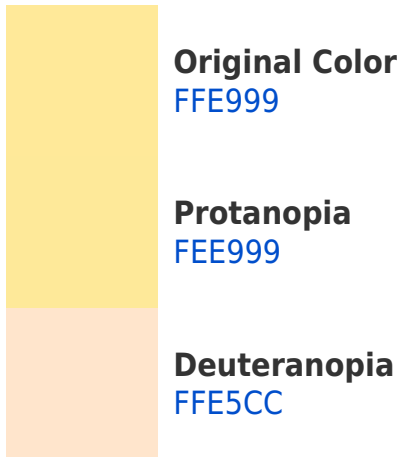


This preview shows how white text looks on a background with the Hex color FFE999.

# 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**  
FFE2EE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE999 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 #FFE999 looks like.

```
.text, #text, p{  
    color:#FFE999  
}
```

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 #FFE999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE999
}
```

## Border

The CSS property to change the border of an element to Hex FFE999 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
#FFE999 }
```

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

```
.border{ border-color:#FFE999 }
```

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

Here you see how a box with a 4 pixel #FFE999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE999; -webkit-box-shadow:4px 4px  
4px 4px #FFE999; box-shadow:4px 4px 4px  
4px #FFE999 }
```

# Background

The CSS property to change the background color of an element to Hex FFE999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE999 }
```

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

```
.background{ background-color:#FFE999 }
```

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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