

# Converting Colors

Hex(FFE896)

Have a look what the booklet for  
Hex(FFE896) contains.

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**Color**

**Hex(FFE896)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE896
RGB	255, 232, 150
RGB Percent	100%, 91%, 59%
CMY	0.0000, 0.0902, 0.4118
CMYK	0.00, 0.09, 0.41, 0.00
HSL	47°, 100%, 79%
HSV	47°, 41%, 100%
XYZ	75.6016, 81.1752, 40.5379
YIQ	229.5290, 40.0300, -20.6260

# Conversions

## Conversions Part 2

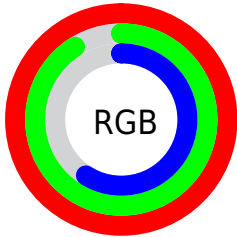
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 255, 150
Decimal	16771222
CIELab	92.21, -3.15, 42.69
CIELCh	92, 42.806, 94.221
Yxy	81.1752, 0.3832, 0.4114
Android (android.graphics.Color)	4294961302 (0xFFFFE896)
YUV	229.5290, -39.2078, 22.3381
Hunter-Lab	90.0973, -7.8890, 36.3915

# Details

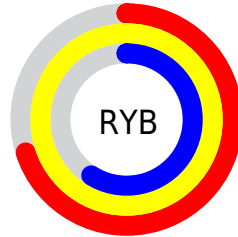
The Hex color **FFE896** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **96ADFF**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFCD**, and **C5B162** is the 20% darker color. If you saturate the color by 10%, you get **FFE27D**, and if you desaturate by 10%, it is **FFEEB0**.

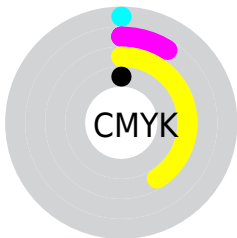
# Distribution



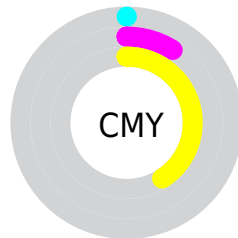
- Red (100%)
- Green (91%)
- Blue (59%)



- Red (70%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (9%)
- Yellow (41%)
- Black (0%)



- Cyan (0%)
- Magenta (9%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE896 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 FFE896 by changing the saturation by 10% instead.



 FFE896

 FFE896

FFFFFF

 E2CC7B

 FFFFCF

 C5B162

 FFFFEA

 A89649

 8D7C30

 726316

 574C00

 3F3500

 252000

 040A00

 FFE896

 FFE896

 FFE27D

 FFEEB0

 FFDD63

 FFF3C9

 FFD74A

 FFF9E3

 FFD230

 FFFEFC

 FFCC17

FFFFFF

 FFC700

# Harmonies

## Analogous

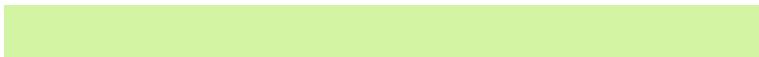
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDAA0



FFE896



D3F4A3

# Triad

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



FFE896



55FDFF



FFCFFF

# Complementary

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



FFE896



96ADFF

# 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.



F6DCFF



FFE896



79F6FF

# Square

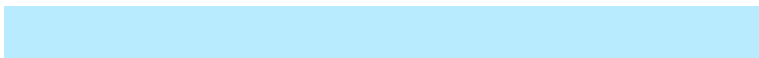
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFE896



70FFED



B9EBFF



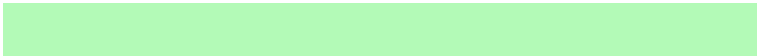
FFC9E4

# Rectangle

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



FFE896



B3FAB7



B9EBFF



FFD3FF

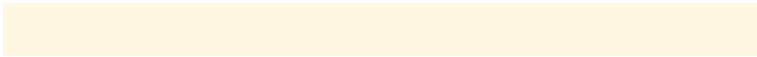


# Sweetspot

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



FFE896



FFF8E0



FF96AF



807C6E



000000



808080



# Same Dimension

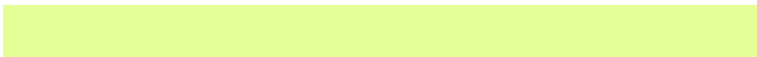
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFE896



FFE482



E3FF96



807D73



BF9500



403200



# Inverse Universe

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



96ADFF



829DFF



B296FF



737680



002ABF



000E40



# Previews

## White Background



This preview shows how the Hex color FFE896 looks on a white background.

## Color Contrast Check

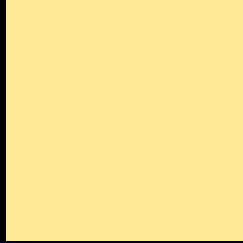
Large Text (above 18pt) WCAG AA × Fail

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 FFE896 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 FFE896 Background



This preview shows how black text looks on a background with the Hex color FFE896.

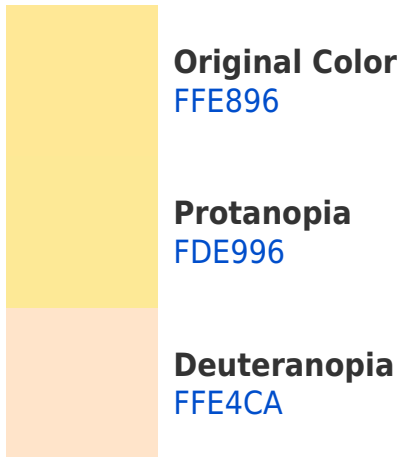


This preview shows how white text looks on a background with the Hex color FFE896.

# 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](#).

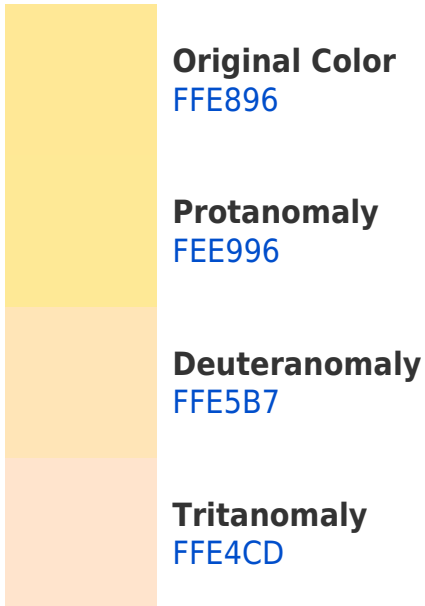
## Dichromacy



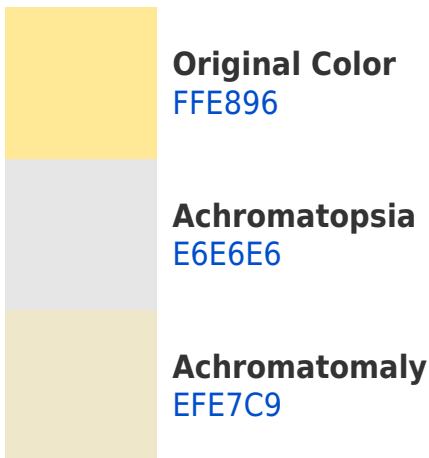


**Tritanopia**  
FFE1ED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE896 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 #FFE896 looks like.

```
.text, #text, p{  
    color:#FFE896  
}
```

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 #FFE896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE896  
}
```

## Border

The CSS property to change the border of an element to Hex FFE896 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  
#FFE896 }
```

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

```
.border{ border-color:#FFE896 }
```

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

Here you see how a box with a 4 pixel #FFE896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE896; -webkit-box-shadow:4px 4px  
4px 4px #FFE896; box-shadow:4px 4px 4px  
4px #FFE896 }
```

# Background

The CSS property to change the background color of an element to Hex FFE896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE896 }
```

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

```
.background{ background-color:#FFE896 }
```

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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