

# Converting Colors

Hex(FEC37E)

Have a look what the booklet for  
Hex(FEC37E) contains.

<b>Hex(FEC37E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(FEC37E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEC37E
RGB	254, 195, 126
RGB Percent	100%, 76%, 49%
CMY	0.0039, 0.2353, 0.5059
CMYK	0.00, 0.23, 0.50, 0.00
HSL	32°, 98%, 75%
HSV	32°, 50%, 100%
XYZ	64.1541, 61.6074, 28.2488
YIQ	204.7750, 57.3130, -8.9510

# Conversions

## Conversions Part 2

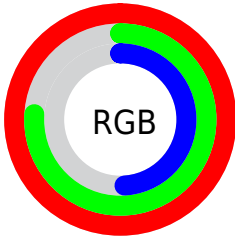
Format	Color
<a href="#">RYB</a>	<a href="#">235, 254, 126</a>
Decimal	<a href="#">16696190</a>
<a href="#">CIELab</a>	<a href="#">82.70, 13.15, 42.62</a>
<a href="#">CIELCh</a>	<a href="#">83, 44.603, 72.856</a>
<a href="#">Yxy</a>	<a href="#">61.6074, 0.4166, 0.4000</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294886270 (0xFFFE37E)</a>
<a href="#">YUV</a>	<a href="#">204.7750, -38.8361, 43.1703</a>
<a href="#">Hunter-Lab</a>	<a href="#">78.4904, 8.5387, 33.6047</a>

# Details

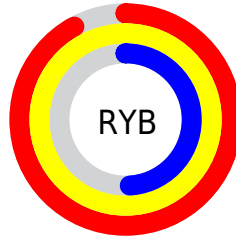
The Hex color **FEC37E** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **7EB9FE**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFCB4**, and **C38D4B** is the 20% darker color. If you saturate the color by 10%, you get **FEB765**, and if you desaturate by 10%, it is **FECF97**.

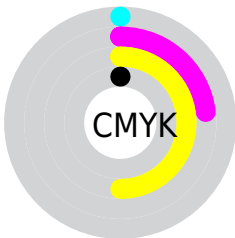
# Distribution



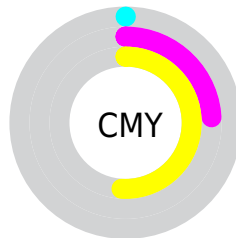
- Red (100%)
- Green (76%)
- Blue (49%)



- Red (92%)
- Yellow (100%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (50%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FEC37E 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 FEC37E by changing the saturation by 10% instead.



 FEC37E

 FEC37E

FFFFFF

 E0A864

 FFFCB4

 C38D4B

 FFFFD0

 A67433

 FFFFEC

 895B1A

 6E4400

 532D00

 381900

 210000

 000000

 FEC37E

 FEC37E

 FEB765

 FECF97

 FEAC4B

 FEDAB1

 FEA032

 FEE6CA

 FE9418

 FEF2E4

 FE8900

 FEFEFD

 FEFFFF

# Harmonies

## Analogous

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



FFB597



FEC37E



D7D17B

# Triad

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



FEC37E



30E4DF



EABCFF

# Complementary

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



FEC37E



7EB9FE

# 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.



AECCFF



FEC37E



00E1FF

# Square

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



FEC37E



73E2B4



63D9FF



FFB0E8

# Rectangle

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



FEC37E



B9D986



63D9FF



D8C2FF

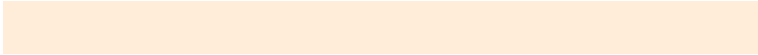


# Sweetspot

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



FEC37E



FFEDD9



FE7EBA



807569



000000



808080



# Same Dimension

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



FEC37E



FFB866



FAFE7E



807A73



BF6700



402200



# Inverse Universe

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



7EB9FE



66ADFF



827EFE



737980



0058BF



001D40



# Previews

## White Background



This preview shows how the Hex color FEC37E looks on a white background.

## Color Contrast Check

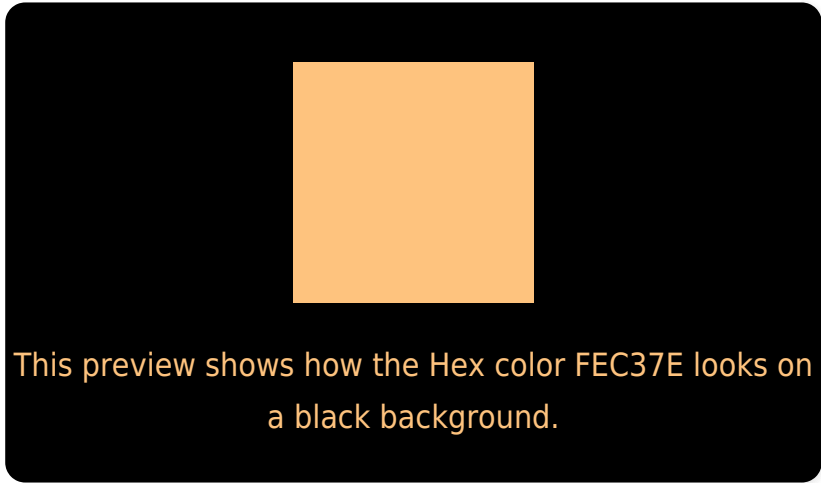
Large Text (above 18pt) WCAG AA × Fail

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

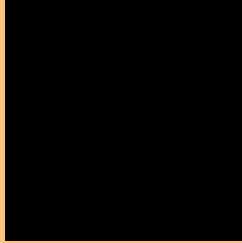
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FEC37E Background



This preview shows how black text looks on a background with the Hex color FEC37E.

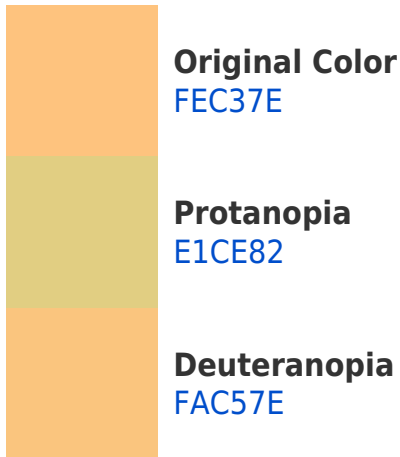


This preview shows how white text looks on a background with the Hex color FEC37E.

# Color Blindness Simulation

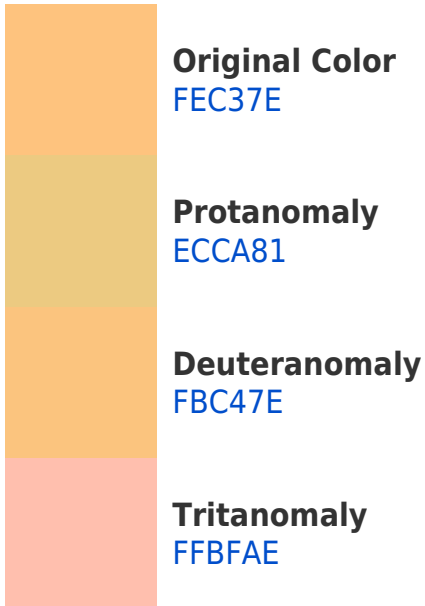
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

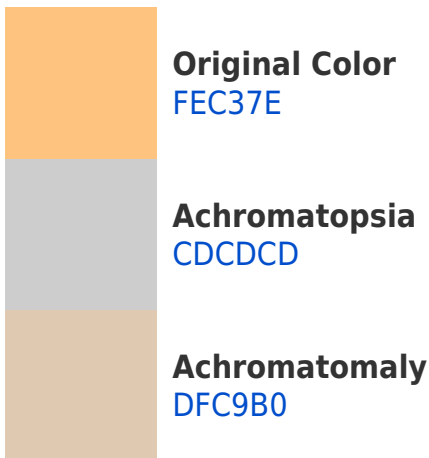




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FEC37E 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 #FEC37E looks like.

```
.text, #text, p{  
    color:#FEC37E  
}
```

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 #FEC37E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEC37E
}
```

## Border

The CSS property to change the border of an element to Hex FEC37E 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
#FEC37E }
```

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

```
.border{ border-color:#FEC37E }
```

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

Here you see how a box with a 4 pixel #FEC37E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEC37E; -webkit-box-shadow:4px 4px  
4px 4px #FEC37E; box-shadow:4px 4px 4px  
4px #FEC37E }
```

# Background

The CSS property to change the background color of an element to Hex FEC37E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEC37E }
```

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

```
.background{ background-color:#FEC37E }
```

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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