

# Converting Colors

Hex(FEC47A)

Have a look what the booklet for  
Hex(FEC47A) contains.

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# **Color**

**Hex(FEC47A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEC47A
RGB	254, 196, 122
RGB Percent	100%, 77%, 48%
CMY	0.0039, 0.2314, 0.5216
CMYK	0.00, 0.23, 0.52, 0.00
HSL	34°, 99%, 74%
HSV	34°, 52%, 100%
XYZ	64.1258, 61.9558, 26.9912
YIQ	204.9060, 58.3220, -10.7180

# Conversions

## Conversions Part 2

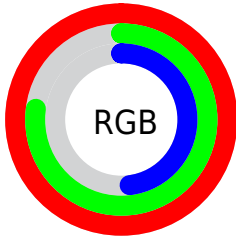
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">225, 254, 122</a>
Decimal	<a href="#">16696442</a>
CIELab	<a href="#">82.89, 12.28, 44.86</a>
CIELCh	<a href="#">83, 46.514, 74.689</a>
Yxy	<a href="#">61.9558, 0.4189, 0.4047</a>
Android (android.graphics.Color)	<a href="#">4294886522</a> ( <a href="#">0xFFFECA7A</a> )
YUV	<a href="#">204.9060, -40.8727, 43.0554</a>
Hunter-Lab	<a href="#">78.7120, 7.6760, 34.7672</a>

# Details

The Hex color **FEC47A** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **7AB4FE**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFDB0**, and **C38E47** is the 20% darker color. If you saturate the color by 10%, you get **FEB961**, and if you desaturate by 10%, it is **FECF93**.

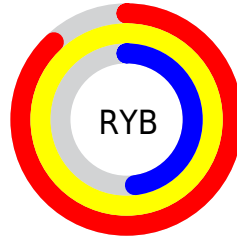
# Distribution



Red (100%)

Green (77%)

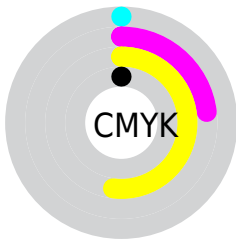
Blue (48%)



Red (88%)

Yellow (100%)

Blue (48%)

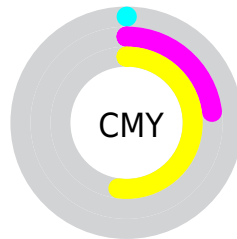


Cyan (0%)

Magenta (23%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FEC47A 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 FEC47A by changing the saturation by 10% instead.



 FEC47A

 FEC47A

FFFFFF

 E0A960

 FFFDB0

 C38E47

 FFFFCB

 A6752F

 FFFFEB

 895C15

 6D4500

 532E00

 381A00

 200000

 000000

 FEC47A

 FEC47A

 FEB961

 FECF93

 FEAE47

 FEDAAD

 FEA32E

 FEE5C6

 FE9714

 FEF1E0

 FE8E00

 FEFCF9

FEFFFF

# Harmonies

## Analogous

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



FFB593



FEC47A



D5D378

# Triad

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



FEC47A



07E6E3



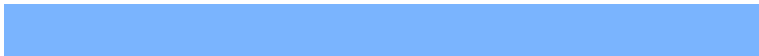
EEBBFF

# Complementary

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



FEC47A



7AB4FE

# 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.



B1CBFF



FEC47A



00E2FF

# Square

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



FEC47A



6BE4B6



60D9FF



FFAFE7

# Rectangle

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



FEC47A



B6DA85



60D9FF



DCC0FF



# Sweetspot

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



FEC47A



FFEDD6



FE7AB5



807567



000000



808080



# Same Dimension

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



FEC47A



FFBA61



F7FE7A



807A73



BF6B00

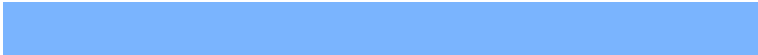


402400

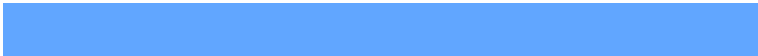


# Inverse Universe

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



7AB4FE



61A6FF



817AFE



737880



0054BF



001C40



# Previews

## White Background



This preview shows how the Hex color FEC47A looks on a white background.

## Color Contrast Check

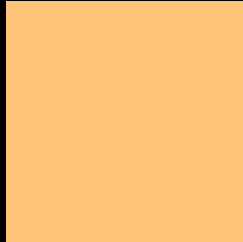
Large Text (above 18pt) WCAG AA × Fail

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 FEC47A 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 FEC47A Background



This preview shows how black text looks on a background with the Hex color FEC47A.

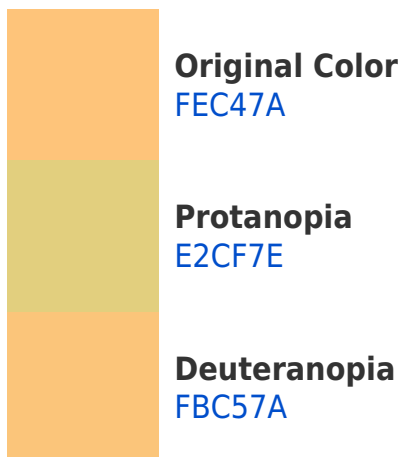


This preview shows how white text looks on a background with the Hex color FEC47A.

# Color Blindness Simulation

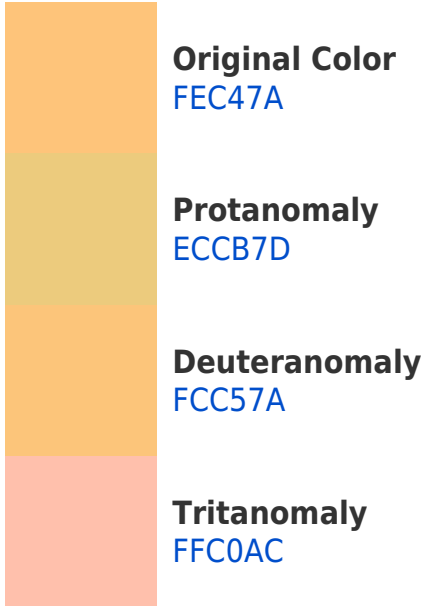
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

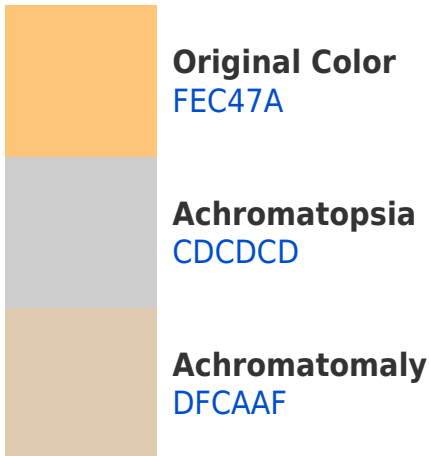




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FEC47A 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 #FEC47A looks like.

```
.text, #text, p{  
    color:#FEC47A  
}
```

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 #FEC47A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEC47A
}
```

## Border

The CSS property to change the border of an element to Hex FEC47A 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
#FEC47A }
```

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

```
.border{ border-color:#FEC47A }
```

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

Here you see how a box with a 4 pixel #FEC47A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEC47A; -webkit-box-shadow:4px 4px  
4px 4px #FEC47A; box-shadow:4px 4px 4px  
4px #FEC47A }
```

# Background

The CSS property to change the background color of an element to Hex FEC47A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEC47A }
```

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

```
.background{ background-color:#FEC47A }
```

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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