

# Converting Colors

Hex(FCE47C)

Have a look what the booklet for  
Hex(FCE47C) contains.

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# **Color**

**Hex(FCE47C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCE47C
RGB	252, 228, 124
RGB Percent	99%, 89%, 49%
CMY	0.0118, 0.1059, 0.5137
CMYK	0.00, 0.10, 0.51, 0.01
HSL	49°, 96%, 74%
HSV	49°, 51%, 99%
XYZ	71.5264, 77.6375, 30.2845
YIQ	223.3200, 47.6880, -27.2560

# Conversions

## Conversions Part 2

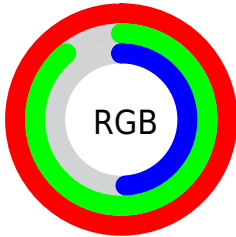
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 252, 124
Decimal	16573564
CIELab	90.61, -4.75, 53.27
CIELCh	91, 53.477, 95.098
Yxy	77.6375, 0.3986, 0.4326
Android (android.graphics.Color)	4294763644 (0xFFFC47C)
YUV	223.3200, -48.9648, 25.1524
Hunter-Lab	88.1121, -9.2961, 41.3003

# Details

The Hex color **FCE47C** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7C94FC**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFB3**, and **C1AD47** is the 20% darker color. If you saturate the color by 10%, you get **FCDF63**, and if you desaturate by 10%, it is **FCE995**.

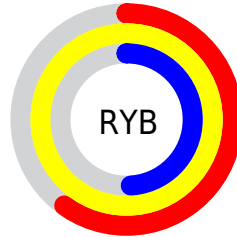
# Distribution



Red (99%)

Green (89%)

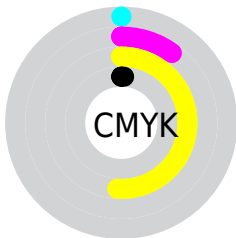
Blue (49%)



Red (60%)

Yellow (99%)

Blue (49%)

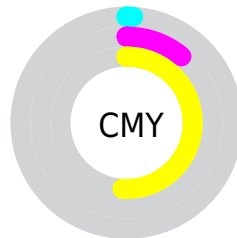


Cyan (0%)

Magenta (10%)

Yellow (51%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCE47C 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 FCE47C by changing the saturation by 10% instead.



 FCE47C

 FCE47C

FFFFFF

 DEC862

 FFFFB3

 C1AD47

 FFFFCF

 A4922D

 FFFFEC

 88790E

 6D6000

 534900

 383300

 201E00

 000400

 FCE47C

 FCE47C

 FCDF63

 FCE995

 FCDB4A

 FCEDAE

 FCD630

 FCF2C8

 FCD117

 FCF7E1

 FCCD00

 FCFCFA

 FCFFFF

# Harmonies

## Analogous

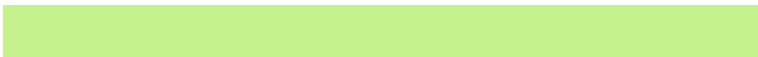
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD288



FCE47C



C6F28E

# Triad

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



FCE47C



00DFFF



FFC2FF

# Complementary

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



FCE47C



7C94FC

# 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.



F5D3FF



FCE47C



1DF5FF

# Square

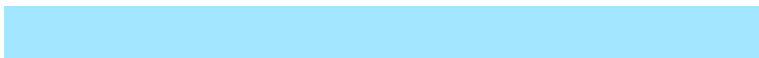
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FCE47C



0DFFEB



A3E6FF



FFBBDD

# Rectangle

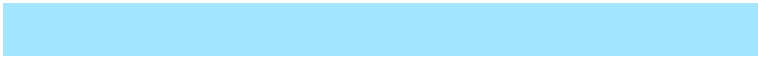
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCE47C



9CF9A8



A3E6FF



FFC7FF



# Sweetspot

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



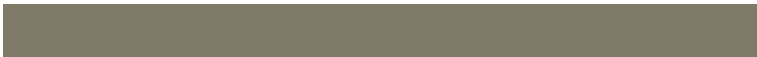
FCE47C



FFF8D9



FC7C96



807B69



000000



808080



# Same Dimension

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



FCE47C



FFE263



D6FC7C



7D7B70



BD9900



3D3200



# Inverse Universe

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



7C94FC



6381FF



A27CFC



70737D



0023BD



000B3D



# Previews

## White Background



This preview shows how the Hex color FCE47C 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 FCE47C 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 FCE47C Background



This preview shows how black text looks on a background with the Hex color FCE47C.

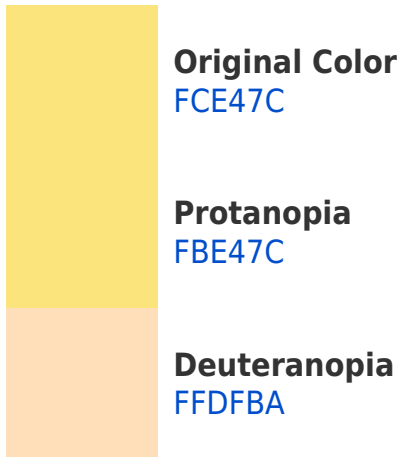


This preview shows how white text looks on a background with the Hex color FCE47C.

# 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](#).

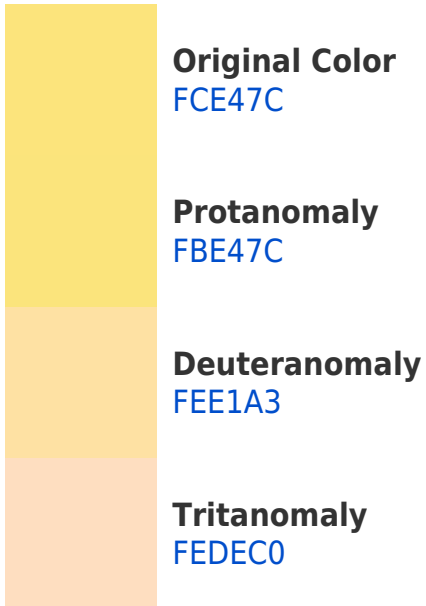
## Dichromacy



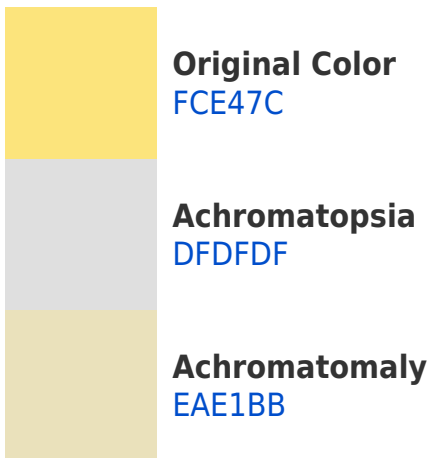


**Tritanopia**  
FFDBE7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCE47C 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 #FCE47C looks like.

```
.text, #text, p{  
    color:#FCE47C  
}
```

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 #FCE47C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCE47C  
}
```

## Border

The CSS property to change the border of an element to Hex FCE47C 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  
#FCE47C }
```

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

```
.border{ border-color:#FCE47C }
```

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

Here you see how a box with a 4 pixel #FCE47C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCE47C; -webkit-box-shadow:4px 4px  
4px 4px #FCE47C; box-shadow:4px 4px 4px  
4px #FCE47C }
```

# Background

The CSS property to change the background color of an element to Hex FCE47C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCE47C }
```

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

```
.background{ background-color:#FCE47C }
```

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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