

# Converting Colors

Hex(FCEB4D)

Have a look what the booklet for  
Hex(FCEB4D) contains.

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**Color**

**Hex(FCEB4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCEB4D
RGB	252, 235, 77
RGB Percent	99%, 92%, 30%
CMY	0.0118, 0.0784, 0.6980
CMYK	0.00, 0.07, 0.69, 0.01
HSL	54°, 97%, 65%
HSV	54°, 69%, 99%
XYZ	71.1928, 80.6479, 18.8355
YIQ	222.0710, 60.8500, -45.5340

# Conversions

## Conversions Part 2

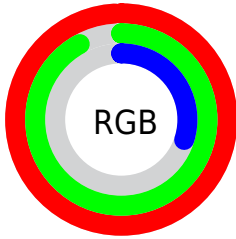
Format	Color
<a href="#">RYB</a>	<a href="#">96, 252, 77</a>
Decimal	<a href="#">16575309</a>
CIELab	<a href="#">91.97, -11.32, 74.72</a>
CIELCh	<a href="#">92, 75.578, 98.618</a>
Yxy	<a href="#">80.6479, 0.4171, 0.4725</a>
Android (android.graphics.Color)	<a href="#">4294765389 (0xFFFCB4D)</a>
YUV	<a href="#">222.0710, -71.5200, 26.2477</a>
Hunter-Lab	<a href="#">89.8042, -15.6505, 50.4275</a>

# Details

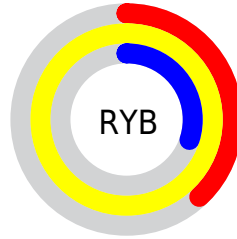
The Hex color **FCEB4D** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **4D5EFC**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFF86**, and **C0B400** is the 20% darker color. If you saturate the color by 10%, you get **FCE934**, and if you desaturate by 10%, it is **FCED66**.

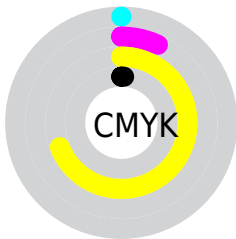
# Distribution



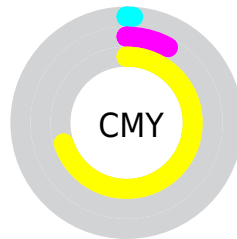
- Red (99%)
- Green (92%)
- Blue (30%)



- Red (38%)
- Yellow (99%)
- Blue (30%)



- Cyan (0%)
- Magenta (7%)
- Yellow (69%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCEB4D 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 FCEB4D by changing the saturation by 10% instead.



 FCEB4D

 FCEB4D

FFFFFF

 DECF2D

 FFFF86

 C0B400

 FFFFA3

 A29900

 FFFFC0

 857F00

 FFFFDD

 696600

 FFFFFB

 4E4F00

 333800

 1A2300

 000D00

 FCEB4D

 FCEB4D

 FCE934

 FCED66

 FCE61B

 FCF07F

 FCE401

 FCF299

 FCE400

 FCF5B2

 FCF7CB

 FCFAE4

 FCFCFD

 FCFFFF

# Harmonies

## Analogous

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



FFD15D



FCEB4D



AEFD70

# Triad

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



FCEB4D



00FFFF



FFB0FF

# Complementary

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



FCEB4D



4D5EFC

# 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.



FFCCFF



FCEB4D



00FEFF

# Square

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



FCEB4D



00FFFB



83E9FF



FFA6D6

# Rectangle

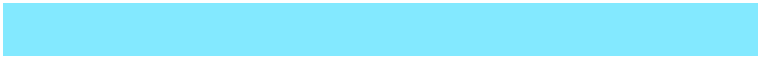
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCEB4D



66FF99



83E9FF



FFB8FF



# Sweetspot

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



FCEB4D



FFFAC9



FC4D5F



807C60



000000



808080



# Same Dimension

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



FCEB4D



FFEA2B



B6FC4D



7D7C70



BDAA00



3D3700



# Inverse Universe

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



4D5EFC



2B40FF



934DFC



70727D



0012BD

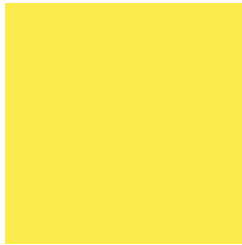


00063D



# Previews

## White Background



This preview shows how the Hex color FCEB4D looks on a white background.

## Color Contrast Check

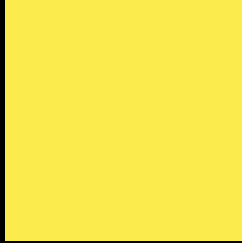
Large Text (above 18pt) WCAG AA × Fail

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 FCEB4D 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 FCEB4D Background



This preview shows how black text looks on a background with the Hex color FCEB4D.

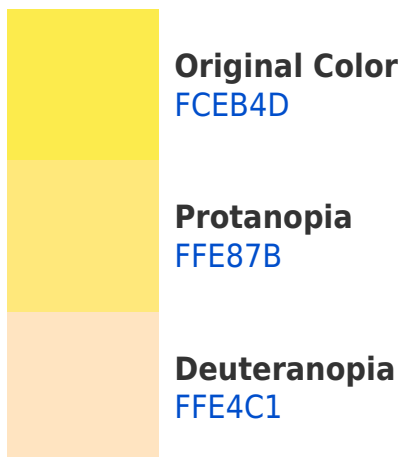


This preview shows how white text looks on a background with the Hex color FCEB4D.

# 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**  
FFE0EB

# Trichromacy



**Original Color**  
FCEB4D



**Protanomaly**  
FEE96A



**Deuteranomaly**  
FEE797

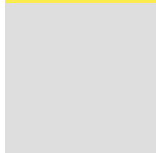


**Tritanomaly**  
FEE4B2

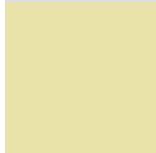
# Monochromacy



**Original Color**  
FCEB4D



**Achromatopsia**  
DEDEDE



**Achromatomaly**  
E9E3A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCEB4D 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 #FCEB4D looks like.

```
.text, #text, p{  
    color:#FCEB4D  
}
```

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 #FCEB4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCEB4D
}
```

## Border

The CSS property to change the border of an element to Hex FCEB4D 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
#FCEB4D }
```

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

```
.border{ border-color:#FCEB4D }
```

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

Here you see how a box with a 4 pixel #FCEB4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCEB4D; -webkit-box-shadow:4px 4px  
4px 4px #FCEB4D; box-shadow:4px 4px 4px  
4px #FCEB4D }
```

# Background

The CSS property to change the background color of an element to Hex FCEB4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCEB4D }
```

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

```
.background{ background-color:#FCEB4D }
```

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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