

# Converting Colors

Hex(FCD46E)

Have a look what the booklet for  
Hex(FCD46E) contains.

<b>Hex(FCD46E)</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(FCD46E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCD46E
RGB	252, 212, 110
RGB Percent	99%, 83%, 43%
CMY	0.0118, 0.1686, 0.5686
CMYK	0.00, 0.16, 0.56, 0.01
HSL	43°, 96%, 71%
HSV	43°, 56%, 99%
XYZ	66.5028, 68.9082, 24.5474
YIQ	212.3320, 56.5820, -23.2420

# Conversions

## Conversions Part 2

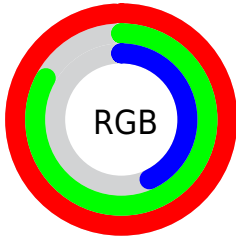
Format	Color
R <sub>Y</sub> B	166, 252, 110
Decimal	16569454
CIE Lab	86.46, 2.25, 54.93
CIE LCh	86, 54.974, 87.651
Yxy	68.9082, 0.4158, 0.4308
Android (android.graphics.Color)	4294759534 (0xFFFC46E)
YUV	212.3320, -50.4497, 34.7888
Hunter-Lab	83.0110, -2.2669, 40.5749

# Details

The Hex color **FCD46E** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6E96FC**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFA4**, and **C19E3A** is the 20% darker color. If you saturate the color by 10%, you get **FCCD55**, and if you desaturate by 10%, it is **FCDB87**.

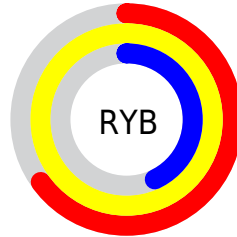
# Distribution



Red (99%)

Green (83%)

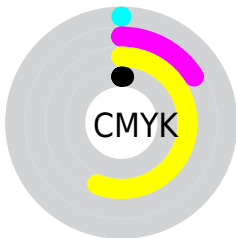
Blue (43%)



Red (65%)

Yellow (99%)

Blue (43%)

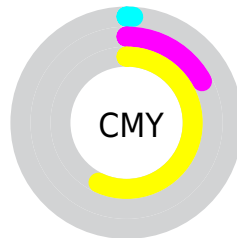


Cyan (0%)

Magenta (16%)

Yellow (56%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCD46E 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 FCD46E by changing the saturation by 10% instead.



 FCD46E

 FCD46E

FFFFFF

 DEB854

 FFFFA4

 C19E3A

 FFFFC0

 A4841E

 FFFFDC

 876B00

 FFFFF9

 6C5300

 513C00

 362700

 1E1300

 000000

 FCD46E

 FCD46E

 FCCD55

 FCDB87

 FCC63C

 FCE2A0

 FCBF22

 FCE9BA

 FCB809

 FCF0D3

 FCB500

 FCF7EC

 FCFFFF

# Harmonies

## Analogous

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



FFC181



FCD46E



C7E479

# Triad

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



FCD46E



00F3FF



FFB9FF

# Complementary

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



FCD46E



6E96FC

# 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.



D7CCFF



FCD46E



00ECFF

# Square

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



FCD46E



11F3D2



78DFFF



FFAEDF

# Rectangle

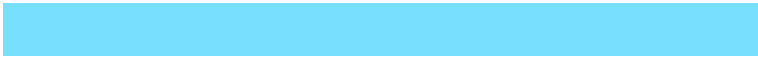
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCD46E



9FEB90



78DFFF



FFBFFF



# Sweetspot

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



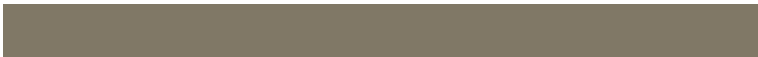
FCD46E



FFF3D4



FC6E96



807866



000000



808080



# Same Dimension

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



FCD46E



FFCE52



DDFC6E



7D7970



BD8800



3D2C00



# Inverse Universe

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



6E96FC



5282FF



8D6EFC



70747D



0035BD



00113D



# Previews

## White Background



This preview shows how the Hex color FCD46E looks on a white background.

## Color Contrast Check

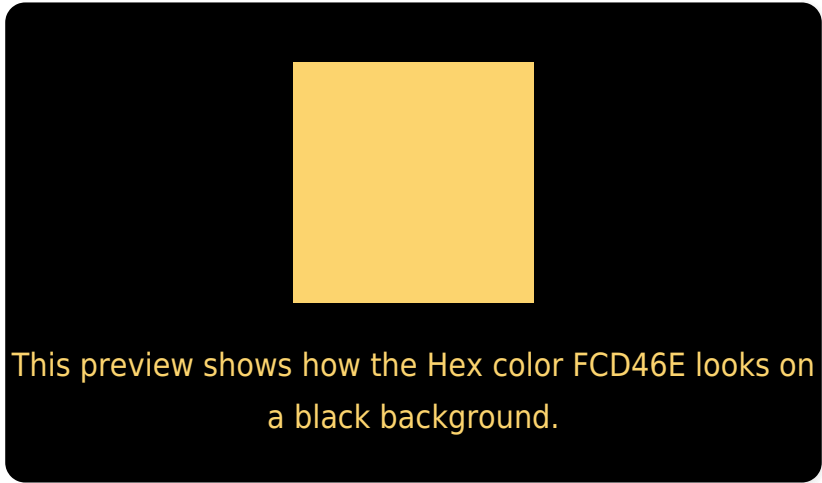
Large Text (above 18pt) WCAG AA × Fail

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 FCD46E Background



This preview shows how black text looks on a background with the Hex color FCD46E.

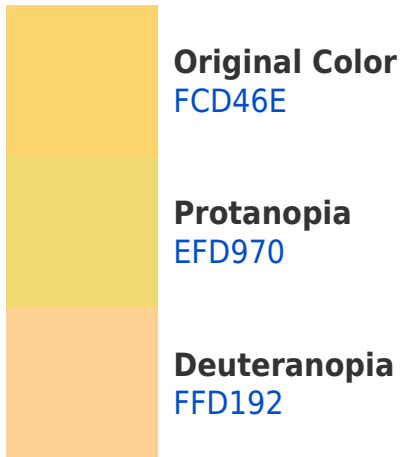


This preview shows how white text looks on a background with the Hex color FCD46E.

# 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](#).

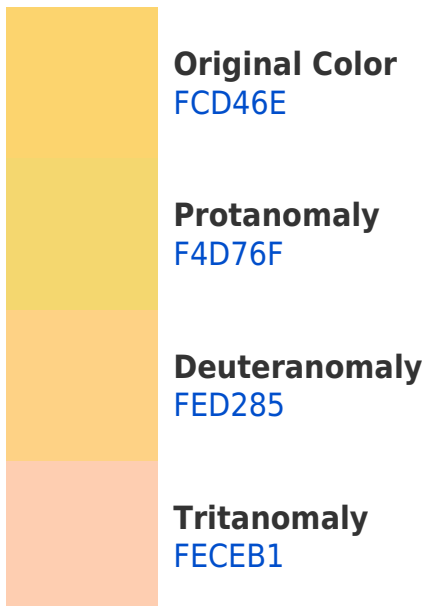
## Dichromacy



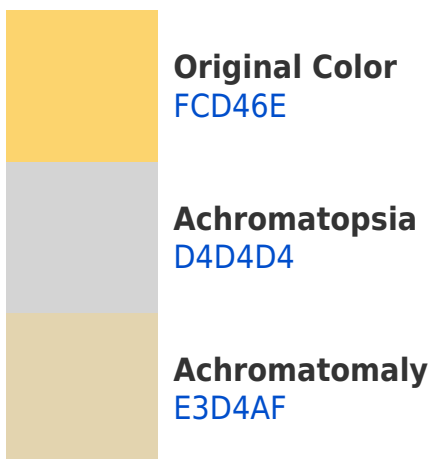


**Tritanopia**  
FFCBD8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCD46E 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 #FCD46E looks like.

```
.text, #text, p{  
    color:#FCD46E  
}
```

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 #FCD46E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCD46E
}
```

## Border

The CSS property to change the border of an element to Hex FCD46E 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
#FCD46E }
```

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

```
.border{ border-color:#FCD46E }
```

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

Here you see how a box with a 4 pixel #FCD46E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCD46E; -webkit-box-shadow:4px 4px  
4px 4px #FCD46E; box-shadow:4px 4px 4px  
4px #FCD46E }
```

# Background

The CSS property to change the background color of an element to Hex FCD46E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCD46E }
```

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

```
.background{ background-color:#FCD46E }
```

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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