

# Converting Colors

Hex(FFCC4E)

Have a look what the booklet for  
Hex(FFCC4E) contains.

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# **Color**

**Hex(FFCC4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCC4E
RGB	255, 204, 78
RGB Percent	100%, 80%, 31%
CMY	0.0000, 0.2000, 0.6941
CMYK	0.00, 0.20, 0.69, 0.00
HSL	43°, 100%, 65%
HSV	43°, 69%, 100%
XYZ	64.2080, 64.9958, 16.3690
YIQ	204.8850, 70.8420, -28.3740

# Conversions

## Conversions Part 2

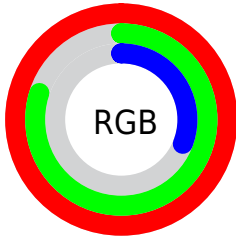
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 255, 78
Decimal	16763982
CIELab	84.48, 5.61, 66.90
CIELCh	84, 67.134, 85.207
Yxy	64.9958, 0.4411, 0.4465
Android (android.graphics.Color)	4294954062 (0xFFFFCC4E)
YUV	204.8850, -62.5543, 43.9509
Hunter-Lab	80.6200, 1.0775, 44.3958

# Details

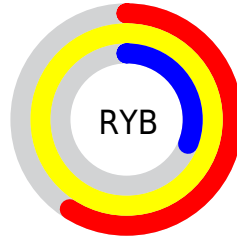
The Hex color **FFCC4E** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4E81FF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF85**, and **C2960C** is the 20% darker color. If you saturate the color by 10%, you get **FFC535**, and if you desaturate by 10%, it is **FFD368**.

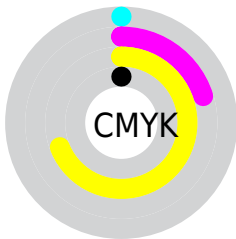
# Distribution



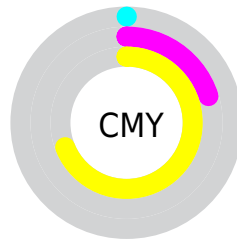
- Red (100%)
- Green (80%)
- Blue (31%)



- Red (59%)
- Yellow (100%)
- Blue (31%)



- Cyan (0%)
- Magenta (20%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFCC4E 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 FFCC4E by changing the saturation by 10% instead.



 FFCC4E

 FFCC4E

FFFFFF

 E0B131

 FFFF85

 C2960C

 FFFFA1

 A57D00

 FFFFBD

 876400

 FFFFDA

 6B4C00

 FFFFF7

 4F3600

 352100

 1D0B00

 000000

 FFCC4E

 FFCC4E

 FFC535

 FFD368

 FFBD1B

 FFDB81

 FFB602

 FFE29B

 FFB600

 FFE9B4

 FFF1CE

 FFF8E7

FFFFFF

# Harmonies

## Analogous

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



FFB46C



FFCC4E



C1DF59

# Triad

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



FFCC4E



00F2FF



FFADFF

# Complementary

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



FFCC4E



4E81FF

# 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.



C5C6FF



FFCC4E



00EBFF

# Square

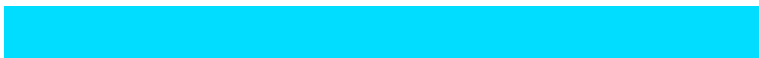
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFCC4E



00F2C6



00DDFF



FF9CE0

# Rectangle

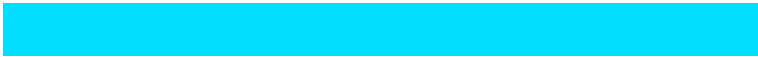
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFCC4E



8FE875



00DDFF



FFB5FF

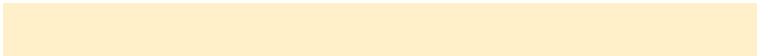


# Sweetspot

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



FFCC4E



FFF0C9



FF4E83



807660



000000



808080



# Same Dimension

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



FFCC4E



FFC22B



DCFF4E



807C73



BF8800



402D00



# Inverse Universe

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



4E81FF



2B68FF



714EFF



737680



0037BF



001240



# Previews

## White Background



This preview shows how the Hex color FFCC4E looks on a white background.

## Color Contrast Check

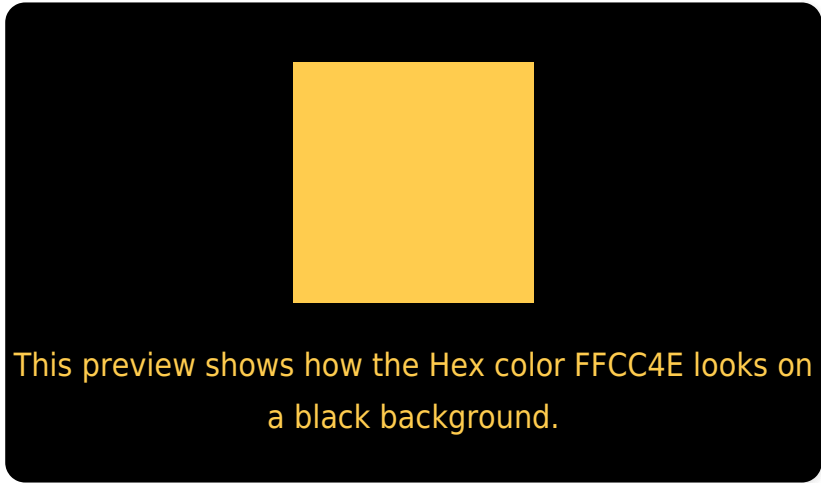
Large Text (above 18pt) WCAG AA × Fail

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 FFCC4E Background



This preview shows how black text looks on a background with the Hex color FFCC4E.

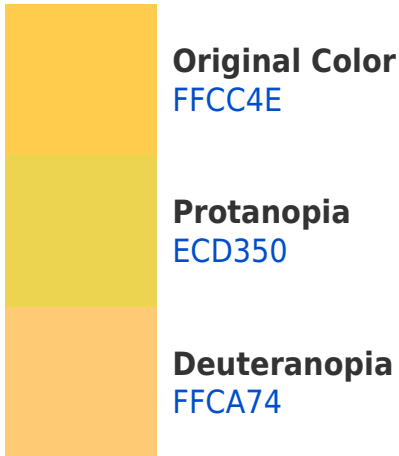


This preview shows how white text looks on a background with the Hex color FFCC4E.

# 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](#).

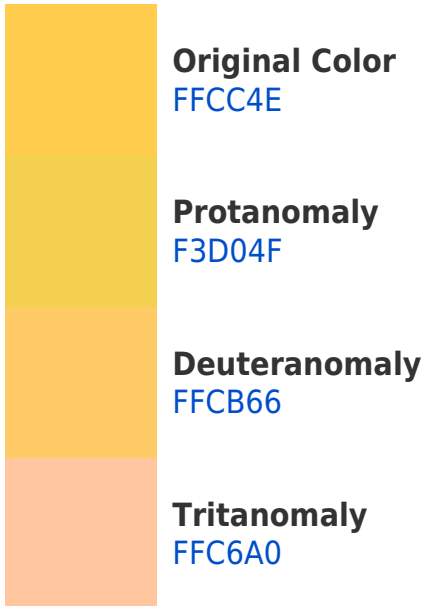
## Dichromacy



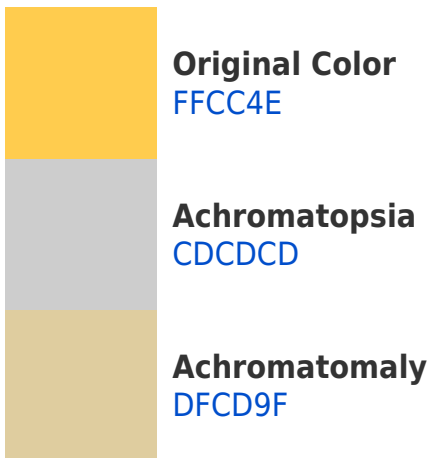


**Tritanopia**  
FFC3CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFCC4E 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 #FFCC4E looks like.

```
.text, #text, p{  
    color:#FFCC4E  
}
```

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 #FFCC4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCC4E
}
```

## Border

The CSS property to change the border of an element to Hex FFCC4E 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
#FFCC4E }
```

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

```
.border{ border-color:#FFCC4E }
```

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

Here you see how a box with a 4 pixel #FFCC4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCC4E; -webkit-box-shadow:4px 4px  
4px 4px #FFCC4E; box-shadow:4px 4px 4px  
4px #FFCC4E }
```

# Background

The CSS property to change the background color of an element to Hex FFCC4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCC4E }
```

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

```
.background{ background-color:#FFCC4E }
```

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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