

# Converting Colors

Hex(FFEC4C)

Have a look what the booklet for  
Hex(FFEC4C) contains.

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# **Color**

**Hex(FFEC4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEC4C
RGB	255, 236, 76
RGB Percent	100%, 93%, 30%
CMY	0.0000, 0.0745, 0.7020
CMYK	0.00, 0.07, 0.70, 0.00
HSL	54°, 100%, 65%
HSV	54°, 70%, 100%
XYZ	72.5400, 81.7727, 18.7979
YIQ	223.4410, 62.6840, -45.7320

# Conversions

## Conversions Part 2

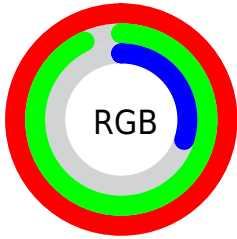
Format	Color
R <sub>Y</sub> B	97, 255, 76
Decimal	16772172
CIE Lab	92.47, -10.63, 75.66
CIE LCh	92, 76.404, 97.999
Yxy	81.7727, 0.4190, 0.4724
Android (android.graphics.Color)	4294962252 (0xFFFFEC4C)
YUV	223.4410, -72.6884, 27.6772
Hunter-Lab	90.4283, -15.0599, 50.9748

# Details

The Hex color **FFEC4C** 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 **4C5FFF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFF86**, and **C2B500** is the 20% darker color. If you saturate the color by 10%, you get **FFE933**, and if you desaturate by 10%, it is **FFEF66**.

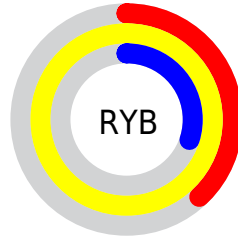
# Distribution



Red (100%)

Green (93%)

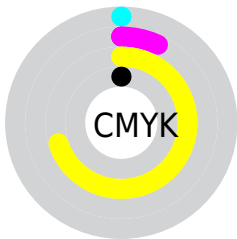
Blue (30%)



Red (38%)

Yellow (100%)

Blue (30%)

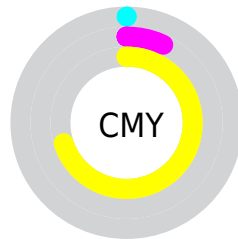


Cyan (0%)

Magenta (7%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFEC4C 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 FFEC4C by changing the saturation by 10% instead.



 FFEC4C

 FFEC4C

FFFFFF

 E1D02C

 FFFF86

 C2B500

 FFFFA2

 A59A00

 FFFFBF

 888000

 FFFFDC

 6C6700

 FFFFFA

 505000

 353900

 1D2400

 001000

 FFEC4C

 FFEC4C

 FFE933

 FFEF66

 FFE719

 FFF17F

 FFE400

 FFF499

 FFF7B2

 FFFACC

 FFFCE5

FFFFFF

# Harmonies

## Analogous

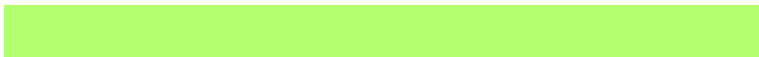
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD25D



FFEC4C



B1FF6F

# Triad

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



FFEC4C



00FFFF



FFB1FF

# Complementary

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



FFEC4C



4C5FFF

# 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.



FFCEFF



FFEC4C



00FFFF

# Square

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



FFEC4C



00FFFC



7EEBFF



FFA7D9

# Rectangle

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



FFEC4C



68FF98



7EEBFF



FFBAFF



# Sweetspot

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



FFEC4C



FFF9C9



FF4C61



807C60



000000



808080



# Same Dimension

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



FFEC4C



FFE829



BAFF4C



807E73



BFAB00



403900



# Inverse Universe

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



4C5FFF



2940FF



914CFF



737480



0014BF



000740



# Previews

## White Background



This preview shows how the Hex color FFEC4C looks on a white background.

## Color Contrast Check

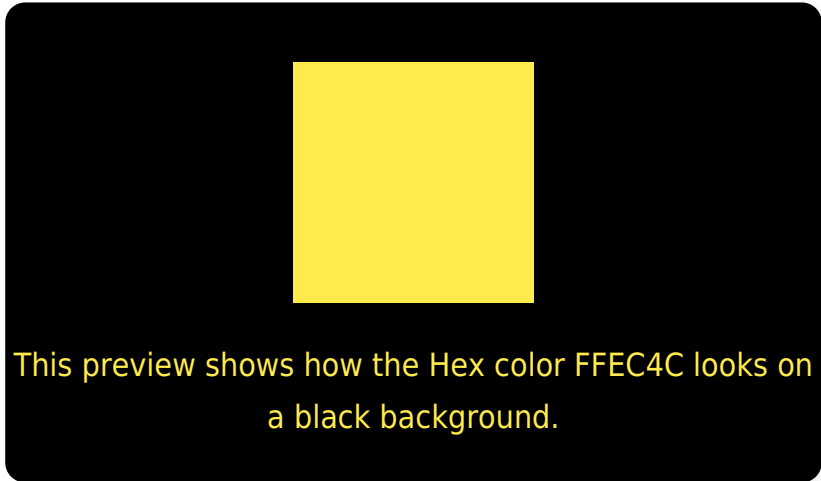
Large Text (above 18pt) WCAG AA × Fail

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 FFEC4C Background



This preview shows how black text looks on a background with the Hex color FFEC4C.

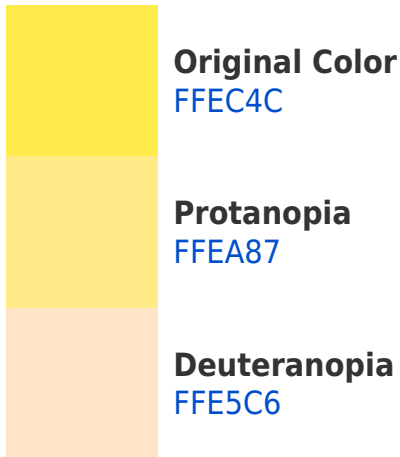


This preview shows how white text looks on a background with the Hex color FFEC4C.

# 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**  
FFE2EC

# Trichromacy



**Original Color**  
FFEC4C



**Protanomaly**  
FFEB72



**Deuteranomaly**  
FFE89A

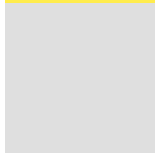


**Tritanomaly**  
FFE6B2

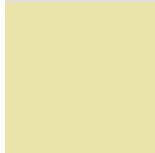
# Monochromacy



**Original Color**  
FFEC4C



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
EBE4AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFEC4C 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 #FFEC4C looks like.

```
.text, #text, p{  
    color:#FFEC4C  
}
```

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 #FFEC4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEC4C }  
}
```

## Border

The CSS property to change the border of an element to Hex FFEC4C 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 #FFEC4C }  
}
```

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

```
.border{ border-color:#FFEC4C }
```

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

Here you see how a box with a 4 pixel #FFEC4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEC4C; -webkit-box-shadow:4px 4px  
4px 4px #FFEC4C; box-shadow:4px 4px 4px  
4px #FFEC4C }
```

# Background

The CSS property to change the background color of an element to Hex FFEC4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFEC4C }
```

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

```
.background{ background-color:#FFEC4C }
```

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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