

# Converting Colors

Hex(FFED37)

Have a look what the booklet for  
Hex(FFED37) contains.

<b>Hex(FFED37)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(F FED 37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFED37
RGB	255, 237, 55
RGB Percent	100%, 93%, 22%
CMY	0.0000, 0.0706, 0.7843
CMYK	0.00, 0.07, 0.78, 0.00
HSL	55°, 100%, 61%
HSV	55°, 78%, 100%
XYZ	72.2138, 82.1042, 15.6561
YIQ	221.6340, 69.1500, -52.7860

# Conversions

## Conversions Part 2

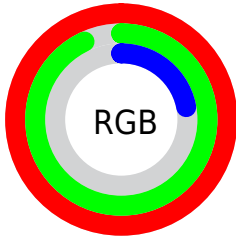
Format	Color
<a href="#">RYB</a>	<a href="#">75, 255, 55</a>
Decimal	<a href="#">16772407</a>
CIELab	<a href="#">92.62, -11.95, 82.50</a>
CIElCh	<a href="#">93, 83.360, 98.241</a>
Yxy	<a href="#">82.1042, 0.4249, 0.4830</a>
Android (android.graphics.Color)	<a href="#">4294962487 (0xFFFFED37)</a>
YUV	<a href="#">221.6340, -82.1506, 29.2620</a>
Hunter-Lab	<a href="#">90.6114, -16.3123, 53.1837</a>

# Details

The Hex color **FFED37** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3749FF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFF75**, and **C2B600** is the 20% darker color. If you saturate the color by 10%, you get **FFEB1D**, and if you desaturate by 10%, it is **FFEF51**.

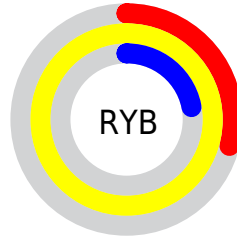
# Distribution



Red (100%)

Green (93%)

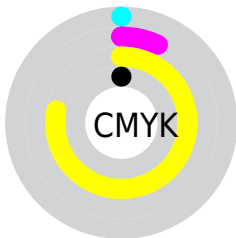
Blue (22%)



Red (29%)

Yellow (100%)

Blue (22%)

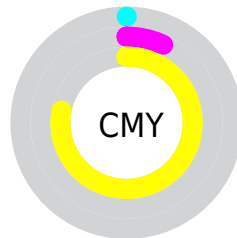


Cyan (0%)

Magenta (7%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFED37 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 FFED37 by changing the saturation by 10% instead.



 FFED37

 FFED37

FFFFFF

 E0D103

 FFFF75

 C2B600

 FFFF92

 A49B00

 FFFFAF

 878100

 FFFFCD

 6A6800

 FFFFEB

 4E5100

 343A00

 1B2400

 001100

 FFED37

 FFED37

 FFE804

 FFEF51

 FFE804

 FFF26A

 FFE800

 FFF484

 FFF69D

 FFF8B6

 FFFBD0

 FFFDEA

FFFFFF

# Harmonies

## Analogous

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



FFD04E



FFED37



A9FF62

# Triad

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



FFED37



00FFFF



FFAAFF

# Complementary

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



FFED37



3749FF

# 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.



FFCBFF



FFED37



00FFFF

# Square

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



FFED37



00FFFE



66ECFF



FF9ED7

# Rectangle

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



FFED37



51FF91



66ECFF



FFB4FF



# Sweetspot

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



FFED37



FFF9C2



FF374B



807C5B



000000



808080



# Same Dimension

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



FFED37



FFE90F



AFFF37



807E73



BFAE00



403A00



# Inverse Universe

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



3749FF



0F25FF



8737FF



737480



0011BF

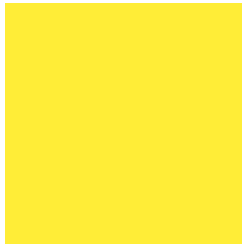


000640



# Previews

## White Background



This preview shows how the Hex color FFED37 looks on a white background.

## Color Contrast Check

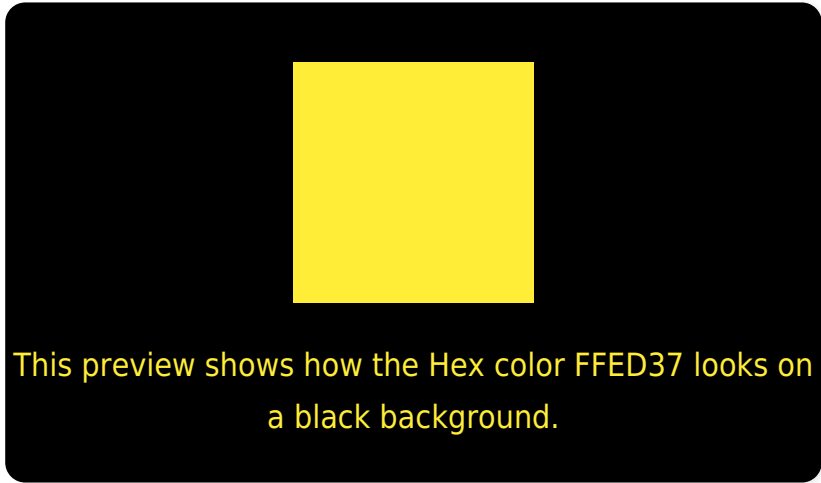
Large Text (above 18pt) WCAG AA × Fail

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 FFED37 Background



This preview shows how black text looks on a background with the Hex color FFED37.

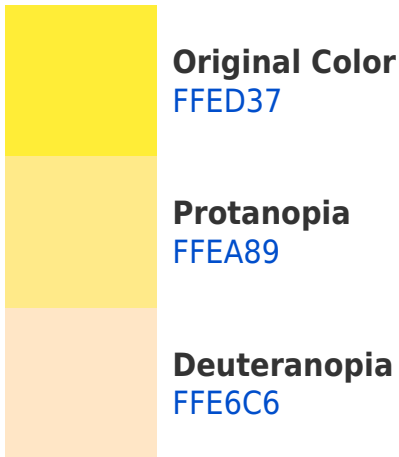


This preview shows how white text looks on a background with the Hex color FFED37.

# 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**  
FFED37



**Protanomaly**  
FFEB6B



**Deuteranomaly**  
FFE992

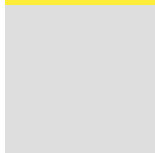


**Tritanomaly**  
FFE6AA

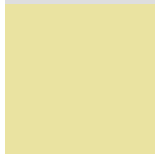
# Monochromacy



**Original Color**  
FFED37



**Achromatopsia**  
DEDEDE



**Achromatomaly**  
EAE3A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFED37 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 #FFED37 looks like.

```
.text, #text, p{  
    color:#FFED37  
}
```

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 #FFED37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFED37
}
```

## Border

The CSS property to change the border of an element to Hex FFED37 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
#FFED37 }
```

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

```
.border{ border-color:#FFED37 }
```

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

Here you see how a box with a 4 pixel #FFED37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFED37; -webkit-box-shadow:4px 4px  
4px 4px #FFED37; box-shadow:4px 4px 4px  
4px #FFED37 }
```

# Background

The CSS property to change the background color of an element to Hex FFED37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFED37 }
```

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

```
.background{ background-color:#FFED37 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor