

Converting Colors

Hex(FFEC35)

Have a look what the booklet for
Hex(FFEC35) contains.

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Color

Hex(FFEC35)

Conversions

Conversions Part 1

Format	Color
Hex	FFEC35
RGB	255, 236, 53
RGB Percent	100%, 93%, 21%
CMY	0.0000, 0.0745, 0.7922
CMYK	0.00, 0.07, 0.79, 0.00
HSL	54°, 100%, 60%
HSV	54°, 79%, 100%
XYZ	71.8781, 81.5079, 15.3124
YIQ	220.8190, 70.0670, -52.8850

Conversions

Conversions Part 2

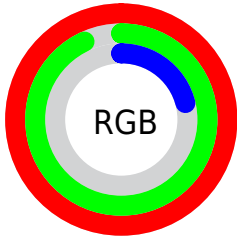
Format	Color
R _Y B	74, 255, 53
Decimal	16772149
CIE Lab	92.36, -11.52, 82.82
CIE LCh	92, 83.615, 97.920
Yxy	81.5079, 0.4261, 0.4832
Android (android.graphics.Color)	4294962229 (0xFFFFEC35)
YUV	220.8190, -82.7348, 29.9767
Hunter-Lab	90.2818, -15.8798, 53.1412

Details

The Hex color **FFEC35** 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 **3548FF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFF74**, and **C2B500** is the 20% darker color. If you saturate the color by 10%, you get **FFEA1B**, and if you desaturate by 10%, it is **FFEE4F**.

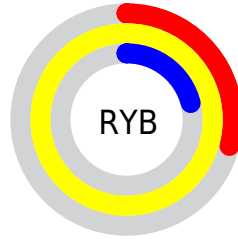
Distribution



Red (100%)

Green (93%)

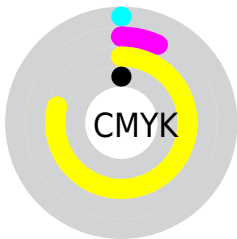
Blue (21%)



Red (29%)

Yellow (100%)

Blue (21%)

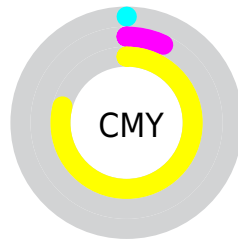


Cyan (0%)

Magenta (7%)

Yellow (79%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFEC35 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 FFEC35 by changing the saturation by 10% instead.

 FFEC35

 FFEC35

FFFFFF

 E0D000

 FFFF74

 C2B500

 FFFF91

 A49A00

 FFFFAE

 878000

 FFFF74

 6A6700

 FFFF91

 4E5000

 343900

 1B2400

 000F00

 FFEC35

 FFEC35

 FFEA1B

 FFEE4F

 FFE702

 FFF168

 FFE700

 FFF382

 FFF69B

 FFF8B4

 FFFACE

 FFFDE8

FFFFFF

Harmonies

Analogous

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



FFCF4D



FFEC35



A9FF60

Triad

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



FFEC35



00FFFF



FFA9FF

Complementary

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



FFEC35



3548FF

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.



FFCAFF



FFEC35



00FFFF

Square

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



FFEC35



00FFFD



60EBFF



FF9CD7

Rectangle

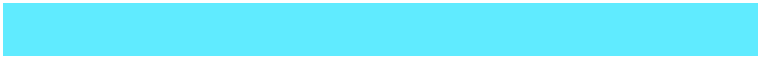
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFEC35



52FF8F



60EBFF



FFB3FF

Sweetspot

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



FFEC35



FFF9C2



FF3549



807C5B



000000



808080

Same Dimension

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



FFEC35



FFE80D



AEFF35



807E73



BFAD00



403A00

Inverse Universe

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



3548FF



0D24FF



8635FF



737480



0012BF



000640

Previews

White Background



This preview shows how the Hex color FFEC35 looks on a white background.

Color Contrast Check

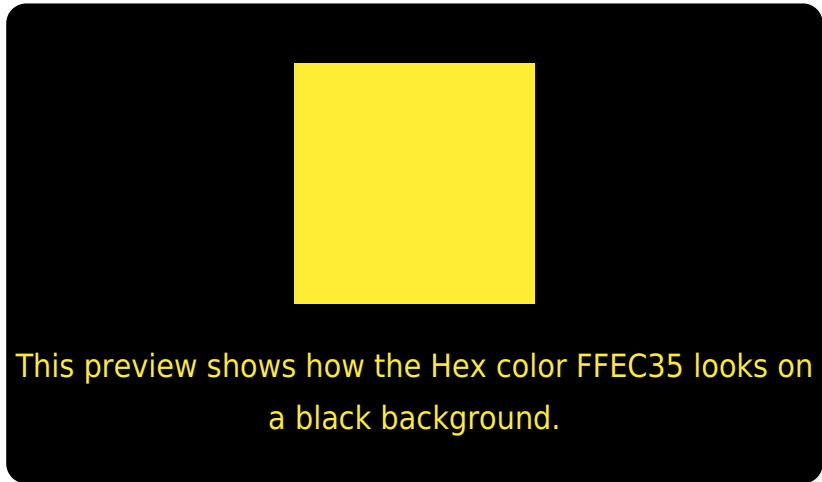
Large Text (above 18pt) WCAG AA × Fail

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 FFEC35 Background



This preview shows how black text looks on a background with the Hex color FFEC35.

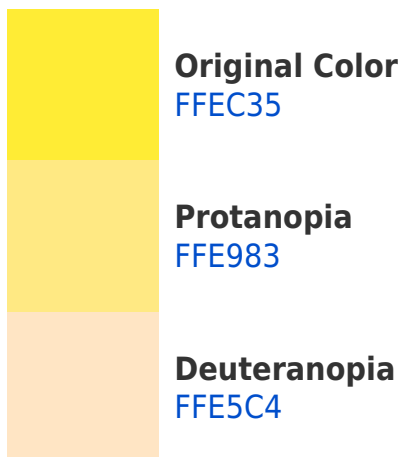


This preview shows how white text looks on a background with the Hex color FFEC35.

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
FFE1EB

Trichromacy



Original Color
FFEC35



Protanomaly
FFEA67



Deuteranomaly
FFE890

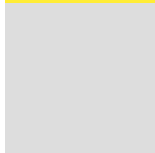


Tritanomaly
FFE5A9

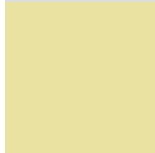
Monochromacy



Original Color
FFEC35



Achromatopsia
DDDDDD



Achromatomaly
E9E2A0

CSS Examples

Text

The CSS property to change the color of the text to Hex FFEC35 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 #FFEC35 looks like.

```
.text, #text, p{  
    color:#FFEC35  
}
```

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 #FFEC35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEC35
}
```

Border

The CSS property to change the border of an element to Hex FFEC35 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
#FFEC35 }
```

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

```
.border{ border-color:#FFEC35 }
```

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

Here you see how a box with a 4 pixel #FFEC35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEC35; -webkit-box-shadow:4px 4px  
4px 4px #FFEC35; box-shadow:4px 4px 4px  
4px #FFEC35 }
```

Background

The CSS property to change the background color of an element to Hex FFEC35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFEC35 }
```

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

```
.background{ background-color:#FFEC35 }
```

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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