

Converting Colors

Hex(FFEB35)

Have a look what the booklet for
Hex(FFEB35) contains.

Hex(FFEB35)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFEB35)

Conversions

Conversions Part 1

Format	Color
Hex	FFEB35
RGB	255, 235, 53
RGB Percent	100%, 92%, 21%
CMY	0.0000, 0.0784, 0.7922
CMYK	0.00, 0.08, 0.79, 0.00
HSL	54°, 100%, 60%
HSV	54°, 79%, 100%
XYZ	71.5909, 80.9337, 15.2167
YIQ	220.2320, 70.3420, -52.3620

Conversions

Conversions Part 2

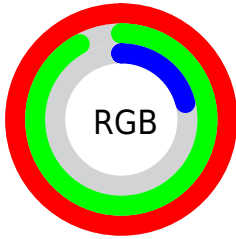
Format	Color
RYB	75, 255, 53
Decimal	16771893
CIELab	92.10, -11.03, 82.59
CIELCh	92, 83.328, 97.606
Yxy	80.9337, 0.4268, 0.4825
Android (android.graphics.Color)	4294961973 (0xFFFFE35)
YUV	220.2320, -82.4454, 30.4915
Hunter-Lab	89.9632, -15.3887, 52.9457

Details

The Hex color **FFEB35** 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 **3549FF**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF73**, and **C2B400** is the 20% darker color. If you saturate the color by 10%, you get **FFE81B**, and if you desaturate by 10%, it is **FFEE4F**.

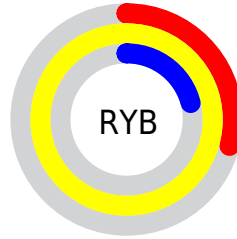
Distribution



Red (100%)

Green (92%)

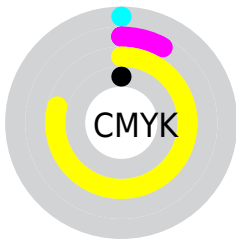
Blue (21%)



Red (29%)

Yellow (100%)

Blue (21%)

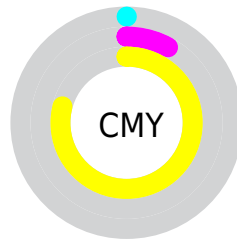


Cyan (0%)

Magenta (8%)

Yellow (79%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFEB35 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 FFEB35 by changing the saturation by 10% instead.

 FFEB35

 FFEB35

FFFFFF

 E0CF00

 FFFF73

 C2B400

 FFFF91

 A49900

 FFFFAE

 877F00

 FFFF73

 6A6700

 FFFF91

 4E4F00

 343800

 1B2300

 000E00

 FFE835

 FFE835

 FFE81B

 FFE84F

 FFE602

 FFF068

 FFE600

 FFF382

 FFF59B

 FFF8B4

 FFFACE

 FFFDE8

FFFFFF

Harmonies

Analogous

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



FFCE4D



FFEB35



AAFF60

Triad

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



FFEB35



00FFFF



FFA9FF

Complementary

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



FFEB35



3549FF

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



FFEB35



00FFFF

Square

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



FFEB35



00FFB



5DEBFF



FF9CD7

Rectangle

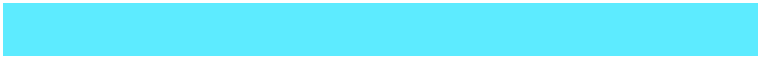
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFEB35



54FF8E



5DEBFF



FFB3FF

Sweetspot

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



FFEB35



FFF9C2



FF3549



807C5B



000000



808080

Same Dimension

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



FFE735



FFE70D



AEFF35



807E73



BFAC00



403900

Inverse Universe

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



3549FF



0D25FF



8635FF



737480



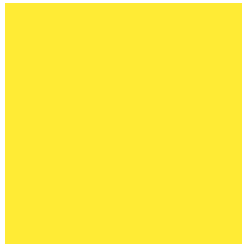
0013BF



000640

Previews

White Background



This preview shows how the Hex color FFEB35 looks on a white background.

Color Contrast Check

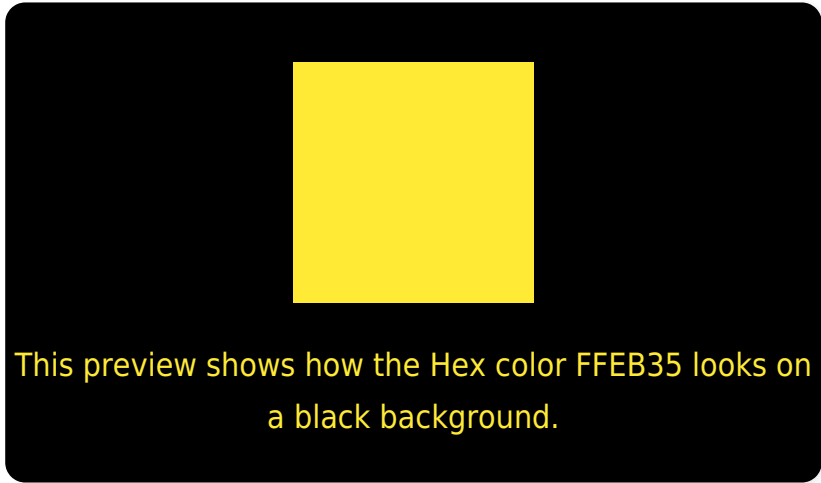
Large Text (above 18pt) WCAG AA × Fail

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 FFEB35 Background



This preview shows how black text looks on a background with the Hex color FFEB35.



This preview shows how white text looks on a background with the Hex color FFEB35.

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



Original Color
FFEB35

Protanopia
FFE97D

Deuteranopia
FFE4C2



Tritanopia
FFE0EB

Trichromacy



Original Color
FFEB35



Protanomaly
FFEA63



Deuteranomaly
FFE78F

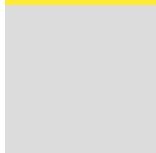


Tritanomaly
FFE4A9

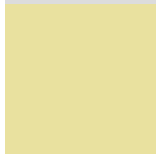
Monochromacy



Original Color
FFEB35



Achromatopsia
DCDCDC



Achromatomaly
E9E19F

CSS Examples

Text

The CSS property to change the color of the text to Hex FFE835 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 #FFE835 looks like.

```
.text, #text, p{  
    color:#FFE835  
}
```

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 #FFEB35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEB35
}
```

Border

The CSS property to change the border of an element to Hex FFEB35 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
#FFEB35 }
```

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

```
.border{ border-color:#FFEB35 }
```

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

Here you see how a box with a 4 pixel #FFEB35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEB35; -webkit-box-shadow:4px 4px  
4px 4px #FFEB35; box-shadow:4px 4px 4px  
4px #FFEB35 }
```

Background

The CSS property to change the background color of an element to Hex FFE835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE835 }
```

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

```
.background{ background-color:#FFE835 }
```

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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