

# Converting Colors

Hex(FFEB11)

Have a look what the booklet for  
Hex(FFEB11) contains.

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# **Color**

**Hex(FFEB11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEB11
RGB	255, 235, 17
RGB Percent	100%, 92%, 7%
CMY	0.0000, 0.0784, 0.9333
CMYK	0.00, 0.08, 0.93, 0.00
HSL	55°, 100%, 53%
HSV	55°, 93%, 100%
XYZ	71.0495, 80.7171, 12.3656
YIQ	216.1280, 81.8980, -63.5580

# Conversions

## Conversions Part 2

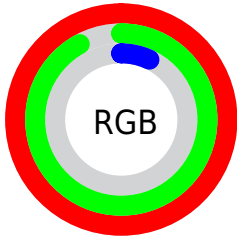
Format	Color
R <sub>Y</sub> B	39, 255, 17
Decimal	16771857
CIE Lab	92.01, -11.76, 89.36
CIE LCh	92, 90.134, 97.499
Yxy	80.7171, 0.4329, 0.4918
Android (android.graphics.Color)	4294961937 (0xFFFFE811)
YUV	216.1280, -98.1701, 34.0907
Hunter-Lab	89.8427, -16.0632, 54.7295

# Details

The Hex color **FFEB11** 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 **1125FF**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFF61**, and **C1B400** is the 20% darker color. If you saturate the color by 10%, you get **FFEA00**, and if you desaturate by 10%, it is **FFED2B**.

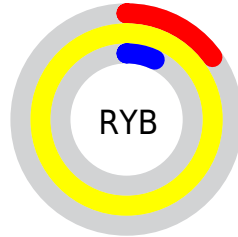
# Distribution



Red (100%)

Green (92%)

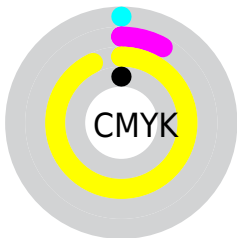
Blue (7%)



Red (15%)

Yellow (100%)

Blue (7%)

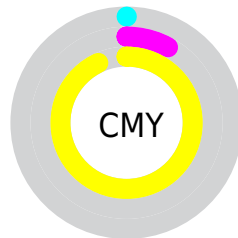


Cyan (0%)

Magenta (8%)

Yellow (93%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFEB11 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 FFEB11 by changing the saturation by 10% instead.



 FFEB11

 FFEB11

FFFFFF

 E0CF00

 FFFF61

 C1B400

 FFFF7F

 A39900

 FFFF9D

 867F00

 FFFFBA

 696700

 FFFFD8

 4D4F00

 FFFFF7

 333800

 1A2300

 000D00

 FFEB11

 FFEB11

 FFEA00

 FFED2B

 FFEF44

 FFF15E

 FFF477

 FFF691

 FFF8AA

 FFFAC4

 FFFCDD

 FFFE7

# Harmonies

## Analogous

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



FFCB3C



FFEB11



A2FF51

# Triad

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



FFEB11



00FFFF



FFA1FF

# Complementary

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



FFEB11



1125FF

# 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.



FFC7FF



FFEB11



00FFFF

# Square

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



FFEB11



00FFFC



25EBFF



FF91D6

# Rectangle

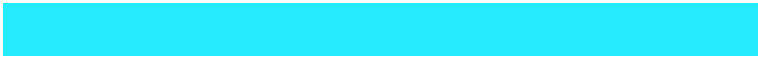
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFEB11



37FF86



25EBFF



FFADFF



# Sweetspot

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



FFEB11



FFF9B8



FF1129



807C54



000000



808080



# Same Dimension

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



FFEB11



FFEA00



A0FF11



807E73



BFAF00



403A00



# Inverse Universe

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



1125FF



0015FF



7011FF



737480



0010BF

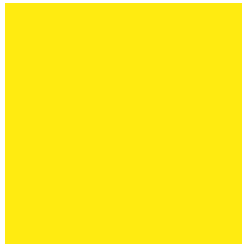


000540



# Previews

## White Background



This preview shows how the Hex color FFE811 looks on a white background.

## Color Contrast Check

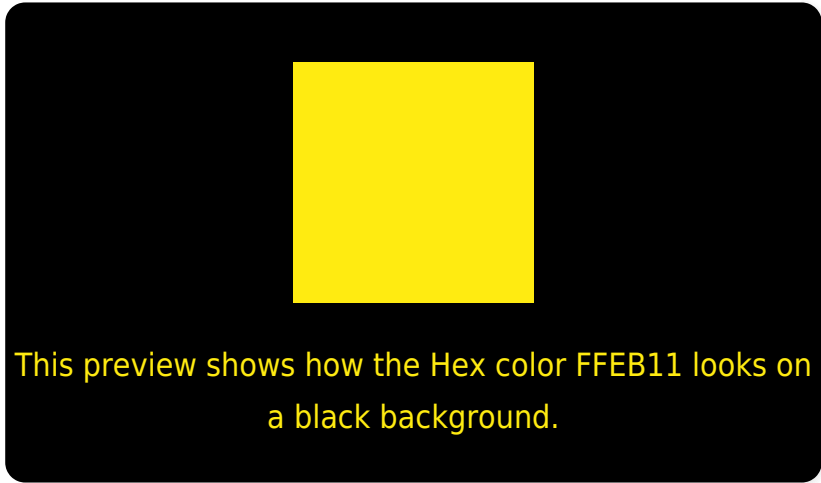
Large Text (above 18pt) WCAG AA × Fail

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 FFEB11 Background



This preview shows how black text looks on a background with the Hex color FFEB11.

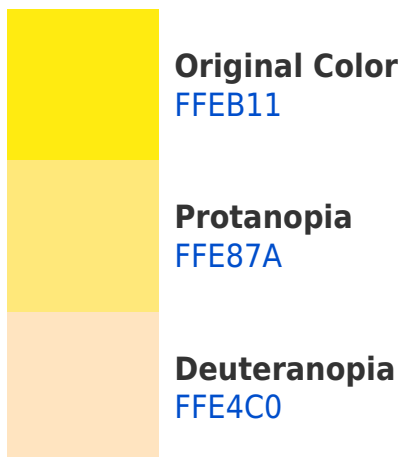


This preview shows how white text looks on a background with the Hex color FFEB11.

# 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**  
FFE0EA

# Trichromacy



**Original Color**  
FFEB11



**Protanomaly**  
FFE954



**Deuteranomaly**  
FFE780

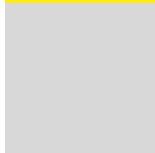


**Tritanomaly**  
FFE49B

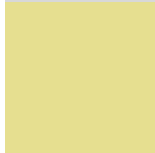
# Monochromacy



**Original Color**  
FFEB11



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
E6DF90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE111 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 #FFE111 looks like.

```
.text, #text, p{  
    color:#FFE111  
}
```

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 #FFEB11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEB11
}
```

## Border

The CSS property to change the border of an element to Hex FFEB11 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
#FFEB11 }
```

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

```
.border{ border-color:#FFEB11 }
```

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

Here you see how a box with a 4 pixel #FFEB11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEB11; -webkit-box-shadow:4px 4px  
4px 4px #FFEB11; box-shadow:4px 4px 4px  
4px #FFEB11 }
```

# Background

The CSS property to change the background color of an element to Hex FFE811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE811 }
```

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

```
.background{ background-color:#FFE811 }
```

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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