

Converting Colors

Hex(FFEA39)

Have a look what the booklet for
Hex(FFEA39) contains.

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Color

Hex(FFE339)

Conversions

Conversions Part 1

Format	Color
Hex	FFEA39
RGB	255, 234, 57
RGB Percent	100%, 92%, 22%
CMY	0.0000, 0.0824, 0.7765
CMYK	0.00, 0.08, 0.78, 0.00
HSL	54°, 100%, 61%
HSV	54°, 78%, 100%
XYZ	71.4013, 80.4010, 15.6266
YIQ	220.1010, 69.3330, -50.5950

Conversions

Conversions Part 2

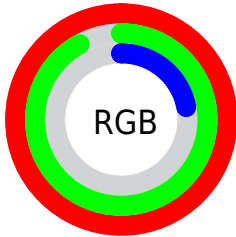
Format	Color
RYB	80, 255, 57
Decimal	16771641
CIELab	91.86, -10.41, 81.26
CIELCh	92, 81.925, 97.298
Yxy	80.4010, 0.4265, 0.4802
Android (android.graphics.Color)	4294961721 (0xFFFFEA39)
YUV	220.1010, -80.4088, 30.6064
Hunter-Lab	89.6666, -14.7774, 52.4339

Details

The Hex color **FFEA39** 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 **394EFF**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF76**, and **C2B300** is the 20% darker color. If you saturate the color by 10%, you get **FFE71F**, and if you desaturate by 10%, it is **FFED52**.

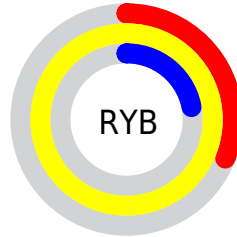
Distribution



Red (100%)

Green (92%)

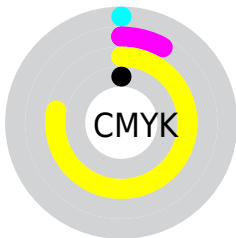
Blue (22%)



Red (31%)

Yellow (100%)

Blue (22%)

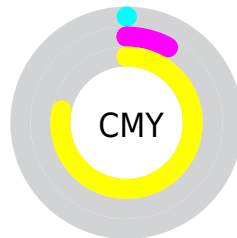


Cyan (0%)

Magenta (8%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFEA39 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 FFEA39 by changing the saturation by 10% instead.

 FFEA39

 FFEA39

FFFFFF

 E0CE0B

 FFFF76

 C2B300

 FFFF93

 A49800

 FFFFB0

 877F00

 FFFFCE

 6B6600

 FFFFEB

 4F4E00

 343800

 1B2200

 000D00

 FFEA39

 FFEA39

 FFE71F

 FFED52

 FFE506

 FFEF6C

 FFE400

 FFF285

 FFF59F

 FFF8B8

 FFFAD2

 FFFDEB

FFFFFF

Harmonies

Analogous

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



FFCD51



FFEA39



ABFE61

Triad

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



FFEA39



00FFFF



FFAAFF

Complementary

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



FFEA39



394EFF

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



FFEA39



00FFFF

Square

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



FFEA39



00FFF9



5FEAFF



FF9DD8

Rectangle

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



FFEA39



59FF8E



5FEAFF



FFB4FF

Sweetspot

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



FFEA39



FFF9C4



FF3950



807C5C



000000



808080

Same Dimension

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



FFE639



FFE612



B3FF39



807E73



BFAB00



403900

Inverse Universe

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



394EFF



122BFF



8539FF



737480



0014BF



000740

Previews

White Background



This preview shows how the Hex color FFEA39 looks on a white background.

Color Contrast Check

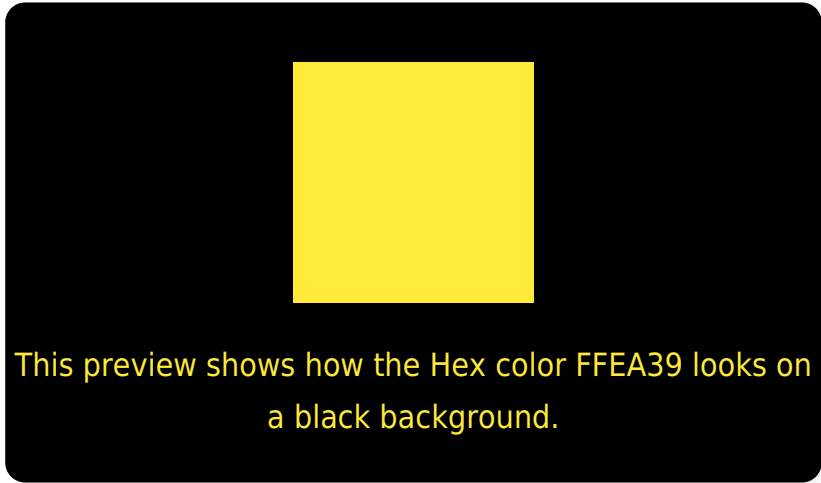
Large Text (above 18pt) WCAG AA × Fail

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 FFEA39 Background



This preview shows how black text looks on a background with the Hex color FFEA39.



This preview shows how white text looks on a background with the Hex color FFEA39.

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
FFEA39

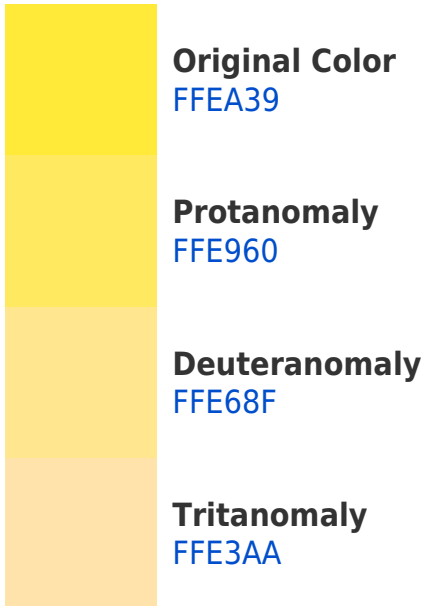
Protanopia
FFE877

Deuteranopia
FFE3C0

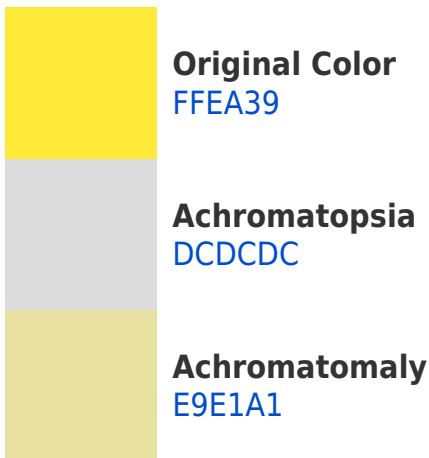


Tritanopia
FFDFEA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFEA39 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 #FFEA39 looks like.

```
.text, #text, p{  
    color:#FFEA39  
}
```

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 #FFEA39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEA39
}
```

Border

The CSS property to change the border of an element to Hex FFEA39 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
#FFEA39 }
```

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

```
.border{ border-color:#FFEA39 }
```

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

Here you see how a box with a 4 pixel #FFEA39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEA39; -webkit-box-shadow:4px 4px  
4px 4px #FFEA39; box-shadow:4px 4px 4px  
4px #FFEA39 }
```

Background

The CSS property to change the background color of an element to Hex FFEA39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFEA39 }
```

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

```
.background{ background-color:#FFEA39 }
```

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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