

Converting Colors

Hex(FDEF3C)

Have a look what the booklet for
Hex(FDEF3C) contains.

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Color

Hex(FDEF3C)

Conversions

Conversions Part 1

Format	Color
Hex	FDEF3C
RGB	253, 239, 60
RGB Percent	99%, 94%, 24%
CMY	0.0078, 0.0627, 0.7647
CMYK	0.00, 0.06, 0.76, 0.01
HSL	56°, 98%, 61%
HSV	56°, 76%, 99%
XYZ	72.1901, 82.9419, 16.4795
YIQ	222.7800, 65.8030, -52.7010

Conversions

Conversions Part 2

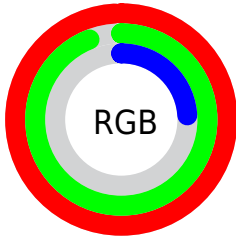
Format	Color
RYB	75, 253, 60
Decimal	16641852
CIELab	92.99, -13.59, 81.33
CIELCh	93, 82.455, 99.484
Yxy	82.9419, 0.4207, 0.4833
Android (android.graphics.Color)	4294831932 (0xFFFDEF3C)
YUV	222.7800, -80.2505, 26.5029
Hunter-Lab	91.0724, -17.8857, 53.0222

Details

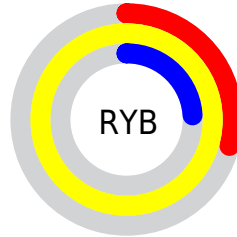
The Hex color **FDEF3C** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3C4AFD**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFF79**, and **C0B700** is the 20% darker color. If you saturate the color by 10%, you get **FDED23**, and if you desaturate by 10%, it is **FDF155**.

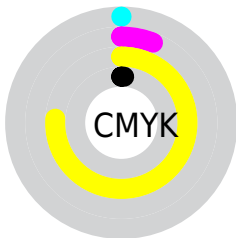
Distribution



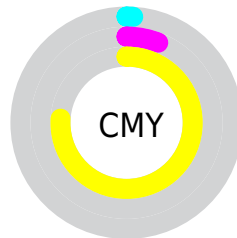
- Red (99%)
- Green (94%)
- Blue (24%)



- Red (29%)
- Yellow (99%)
- Blue (24%)



- Cyan (0%)
- Magenta (6%)
- Yellow (76%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDEF3C 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 FDEF3C by changing the saturation by 10% instead.

 FDEF3C

 FDEF3C

FFFFFF

 DED311

 FFFF79

 C0B700

 FFFF96

 A39D00

 FFFFB3

 858300

 FFFF00

 696A00

 FFFFEE

 4D5200

 323B00

 1A2600

 001200

 FDEF3C

 FDEF3C

 FDED23

 FDF155

 FDEB09

 FDF36F

 FDEB00

 FDF588

 FDF6A1

 FDF8BB

 FDFAD4

 FDFCED

 FDFEFF

 FDFFFF

Harmonies

Analogous

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



FFD34F



FDEF3C



A7FF68

Triad

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



FDEF3C



00FFFF



FFABFF

Complementary

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



FDEF3C



3C4AFD

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



FDEF3C



00FFFF

Square

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



FDEF3C



00FFFF



77EBFF



FFA0D5

Rectangle

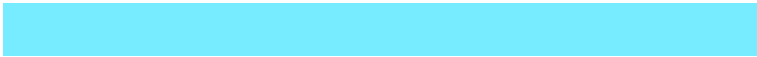
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDEF3C



4EFF96



77EBFF



FFB4FF

Sweetspot

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



FDEF3C



FFFBC4



FD3C4C



807D5C



000000



808080

Same Dimension

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



FDEF3C



FFEE14



ADFD3C



807F73



BFB100



403B00

Inverse Universe

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



3C4AFD



1425FF



8C3CFD



737480



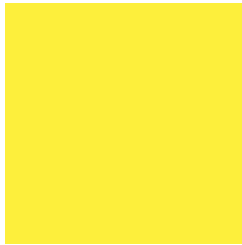
000EBF



000540

Previews

White Background



This preview shows how the Hex color FDEF3C looks on a white background.

Color Contrast Check

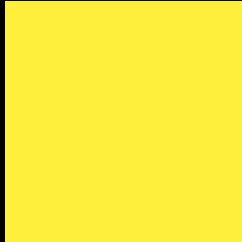
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color FDEF3C looks on a 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 FDEF3C Background



This preview shows how black text looks on a background with the Hex color FDEF3C.

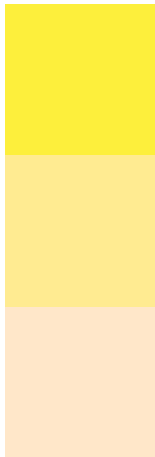


This preview shows how white text looks on a background with the Hex color FDEF3C.

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
FDEF3C

Protanopia
FFEB91

Deuteranopia
FFE7C9



Tritanopia
FFE4EE

Trichromacy



Original Color
FDEF3C



Protanomaly
FEEC72



Deuteranomaly
FEEA96

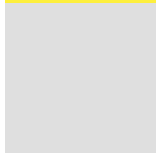


Tritanomaly
FEE8AD

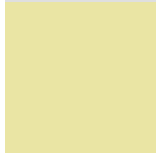
Monochromacy



Original Color
FDEF3C



Achromatopsia
DFDFDF



Achromatomaly
EAE5A4

CSS Examples

Text

The CSS property to change the color of the text to Hex FDEF3C 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 #FDEF3C looks like.

```
.text, #text, p{  
    color:#FDEF3C  
}
```

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 #FDEF3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDEF3C
}
```

Border

The CSS property to change the border of an element to Hex FDEF3C 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
#FDEF3C }
```

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

```
.border{ border-color:#FDEF3C }
```

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

Here you see how a box with a 4 pixel #FDEF3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDEF3C; -webkit-box-shadow:4px 4px  
4px 4px #FDEF3C; box-shadow:4px 4px 4px  
4px #FDEF3C }
```

Background

The CSS property to change the background color of an element to Hex FDEF3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDEF3C }
```

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

```
.background{ background-color:#FDEF3C }
```

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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