

Converting Colors

Hex(FEE731)

Have a look what the booklet for
Hex(FEE731) contains.

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Color

Hex(FEE731)

Conversions

Conversions Part 1

Format	Color
Hex	FEE731
RGB	254, 231, 49
RGB Percent	100%, 91%, 19%
CMY	0.0039, 0.0941, 0.8078
CMYK	0.00, 0.09, 0.81, 0.00
HSL	53°, 99%, 59%
HSV	53°, 81%, 100%
XYZ	70.0033, 78.4444, 14.3574
YIQ	217.1290, 72.1300, -51.7260

Conversions

Conversions Part 2

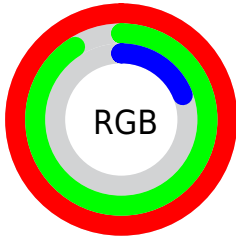
Format	Color
RYB	75, 254, 49
Decimal	16705329
CIELab	90.98, -9.59, 82.66
CIELCh	91, 83.210, 96.618
Yxy	78.4444, 0.4300, 0.4818
Android (android.graphics.Color)	4294895409 (0xFFFE731)
YUV	217.1290, -82.8876, 32.3359
Hunter-Lab	88.5688, -13.9121, 52.3870

Details

The Hex color **FEE731** 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 **3148FE**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFF70**, and **C1B000** is the 20% darker color. If you saturate the color by 10%, you get **FEE418**, and if you desaturate by 10%, it is **FEEA4A**.

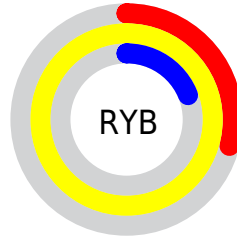
Distribution



Red (100%)

Green (91%)

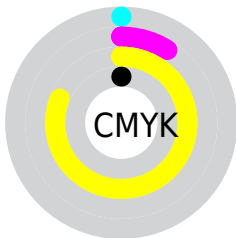
Blue (19%)



Red (29%)

Yellow (100%)

Blue (19%)

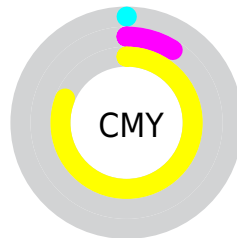


Cyan (0%)

Magenta (9%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color FEE731 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 FEE731 by changing the saturation by 10% instead.

 FEE731

 FEE731

FFFFFF

 DF0B00

 FFFF70

 C1B000

 FFFF8D

 A39500

 FFFFAA

 867C00

 FFFFC8

 696300

 FFFFEE

 4D4C00

 333500

 1A2000

 000700

 FEE731

 FEE731

 FEE418

 FEEA4A

 FEE200

 FEED64

 FEF07D

 FEF297

 FEF5B0

 FEF8C9

 FEFBE3

 FEFEFC

FEFFFF

Harmonies

Analogous

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



FFCA4C



FEE731



AAFB5B

Triad

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



FEE731



00FFFF



FFA7FF

Complementary

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



FEE731



3148FE

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.



FFC8FF



FEE731



00FEFF

Square

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



FEE731



00FFF5



4BE8FF



FF99D7

Rectangle

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



FEE731



56FF89



4BE8FF



FFB1FF

Sweetspot

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



FEE731



FFF8C2



FE3149



807B5B



000000



808080

Same Dimension

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



FEE731



FFE308



AFFE31



807E73



BFAA00



403900

Inverse Universe

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



3148FE



0823FF



8031FE



737480



0015BF



000740

Previews

White Background



This preview shows how the Hex color FEE731 looks on a white background.

Color Contrast Check

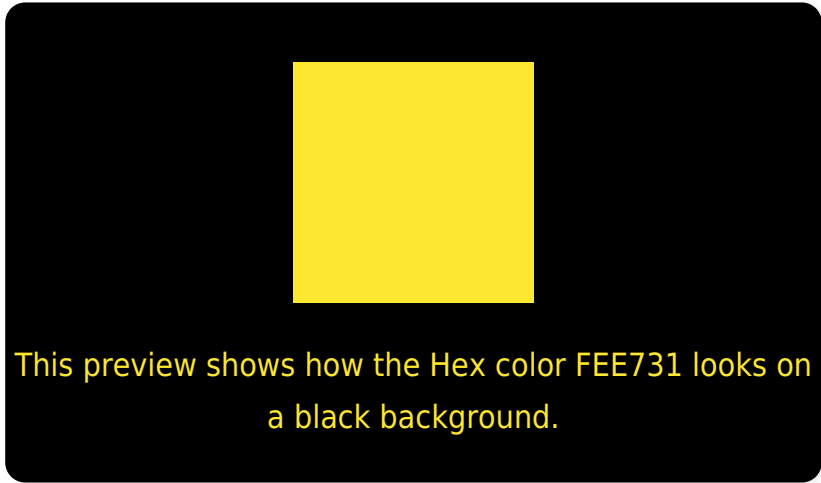
Large Text (above 18pt) WCAG AA × Fail

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 FEE731 Background



This preview shows how black text looks on a background with the Hex color FEE731.

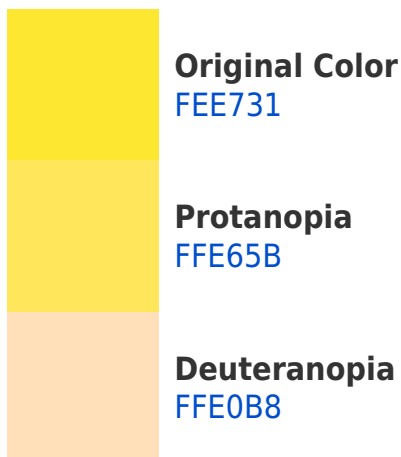


This preview shows how white text looks on a background with the Hex color FEE731.

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](#).

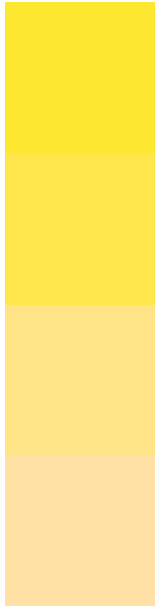
Dichromacy





Tritanopia
FFDCE7

Trichromacy



Original Color
FEE731

Protanomaly
FFE64C

Deuteranomaly
FFE387

Tritanomaly
FFE0A5

Monochromacy



Original Color
FEE731

Achromatopsia
D9D9D9

Achromatomaly
E6DE9C

CSS Examples

Text

The CSS property to change the color of the text to Hex FEE731 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 #FEE731 looks like.

```
.text, #text, p{  
    color:#FEE731  
}
```

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 #FEE731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEE731
}
```

Border

The CSS property to change the border of an element to Hex FEE731 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
#FEE731 }
```

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

```
.border{ border-color:#FEE731 }
```

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

Here you see how a box with a 4 pixel #FEE731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEE731; -webkit-box-shadow:4px 4px  
4px 4px #FEE731; box-shadow:4px 4px 4px  
4px #FEE731 }
```

Background

The CSS property to change the background color of an element to Hex FEE731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEE731 }
```

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

```
.background{ background-color:#FEE731 }
```

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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