

Converting Colors

Hex(FDE349)

Have a look what the booklet for
Hex(FDE349) contains.

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Color

Hex(FDE349)

Conversions

Conversions Part 1

Format	Color
Hex	FDE349
RGB	253, 227, 73
RGB Percent	99%, 89%, 29%
CMY	0.0078, 0.1098, 0.7137
CMYK	0.00, 0.10, 0.71, 0.01
HSL	51°, 98%, 64%
HSV	51°, 71%, 99%
XYZ	69.1797, 76.3019, 17.3849
YIQ	217.2180, 64.9300, -42.3820

Conversions

Conversions Part 2

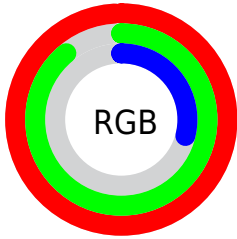
Format	Color
RYB	103, 253, 73
Decimal	16638793
CIELab	90.00, -7.13, 74.26
CIELCh	90, 74.598, 95.485
Yxy	76.3019, 0.4248, 0.4685
Android (android.graphics.Color)	4294828873 (0xFFFDE349)
YUV	217.2180, -71.0995, 31.3808
Hunter-Lab	87.3509, -11.4967, 49.3455

Details

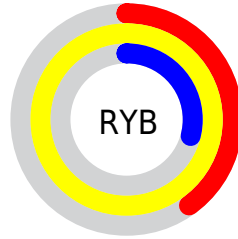
The Hex color **FDE349** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4963FD**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFF82**, and **C0AC00** is the 20% darker color. If you saturate the color by 10%, you get **FDDF30**, and if you desaturate by 10%, it is **FDE762**.

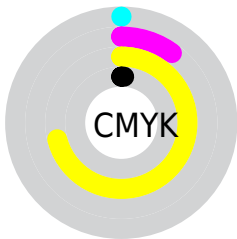
Distribution



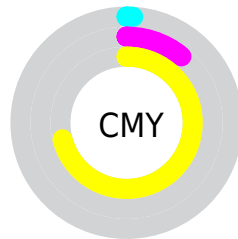
- Red (99%)
- Green (89%)
- Blue (29%)



- Red (40%)
- Yellow (99%)
- Blue (29%)



- Cyan (0%)
- Magenta (10%)
- Yellow (71%)
- Black (1%)



- Cyan (1%)
- Magenta (11%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDE349 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 FDE349 by changing the saturation by 10% instead.

 FDE349

 FDE349

FFFFFF

 DFC729

 FFFF82

 C0AC00

 FFFF9F

 A39200

 FFFFBB

 867800

 FFFF9F

 6A6000

 FFFFF6

 4E4800

 343200

 1B1D00

 000000

 FDE349

 FDE349

 FDDF30

 FDE762

 FDDC16

 FDEA7C

 FDD800

 FDEE95

 FDF2AE

 FDF5C8

 FDF9E1

 FDFDFA

FDFFFF

Harmonies

Analogous

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



FFC95E



FDE349



B2F667

Triad

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



FDE349



00FFFF



FFAEFF

Complementary

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



FDE349



4963FD

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.



F7CAFF



FDE349



00F9FF

Square

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



FDE349



00FFEE



67E6FF



FFA1D8

Rectangle

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



FDE349



70FE8E



67E6FF



FFB6FF

Sweetspot

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



FDE349



FFF7C9



FD4964



807B60



000000



808080

Same Dimension

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



FDE349



FFE026



BEFD49



807E73



BFA400



403700

Inverse Universe

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



4963FD



2646FF



8849FD



737580



001CBF



000940

Previews

White Background



This preview shows how the Hex color FDE349 looks on a white background.

Color Contrast Check

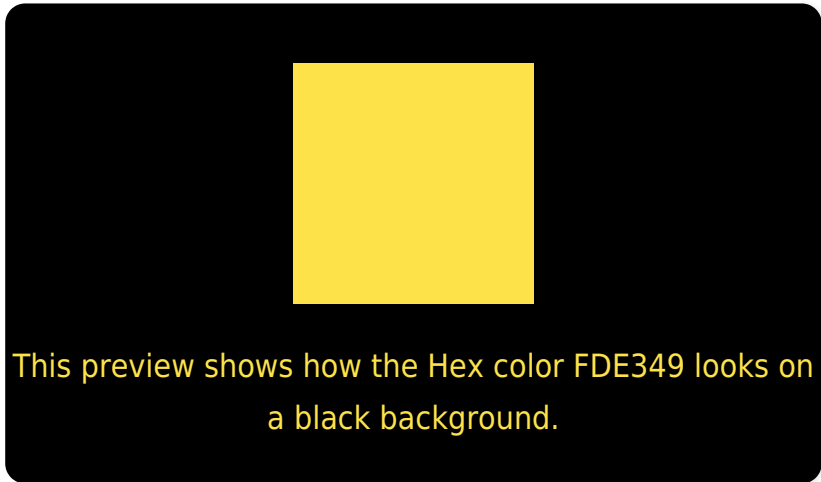
Large Text (above 18pt) WCAG AA × Fail

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 FDE349 Background



This preview shows how black text looks on a background with the Hex color FDE349.

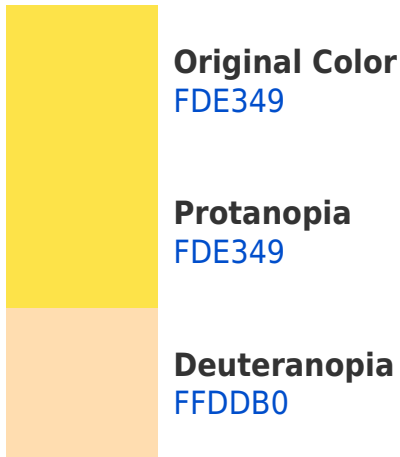


This preview shows how white text looks on a background with the Hex color FDE349.

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](#).

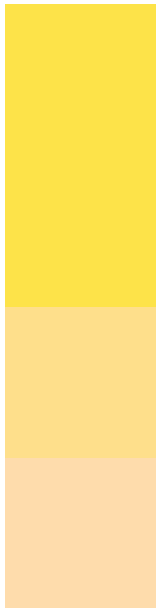
Dichromacy





Tritanopia
FFD8E4

Trichromacy



Original Color
FDE349

Protanomaly
FDE349

Deuteranomaly
FEDF8B

Tritanomaly
FEDCAC

Monochromacy



Original Color
FDE349

Achromatopsia
D9D9D9

Achromatomaly
E6DDA5

CSS Examples

Text

The CSS property to change the color of the text to Hex FDE349 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 #FDE349 looks like.

```
.text, #text, p{  
    color:#FDE349  
}
```

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 #FDE349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDE349
}
```

Border

The CSS property to change the border of an element to Hex FDE349 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
#FDE349 }
```

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

```
.border{ border-color:#FDE349 }
```

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

Here you see how a box with a 4 pixel #FDE349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDE349; -webkit-box-shadow:4px 4px  
4px 4px #FDE349; box-shadow:4px 4px 4px  
4px #FDE349 }
```

Background

The CSS property to change the background color of an element to Hex FDE349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDE349 }
```

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

```
.background{ background-color:#FDE349 }
```

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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