

# Converting Colors

Hex(FDE141)

Have a look what the booklet for  
Hex(FDE141) contains.

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**Color**

**Hex(FDE141)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDE141
RGB	253, 225, 65
RGB Percent	99%, 88%, 25%
CMY	0.0078, 0.1176, 0.7451
CMYK	0.00, 0.11, 0.74, 0.01
HSL	51°, 98%, 62%
HSV	51°, 74%, 99%
XYZ	68.3874, 75.1147, 15.8952
YIQ	215.1320, 68.0480, -43.8240

# Conversions

## Conversions Part 2

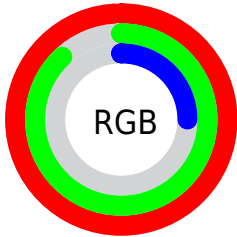
Format	Color
R <sub>Y</sub> B	98, 253, 65
Decimal	16638273
CIE Lab	89.45, -6.47, 76.50
CIE LCh	89, 76.769, 94.837
Yxy	75.1147, 0.4290, 0.4712
Android (android.graphics.Color)	4294828353 (0xFFFDE141)
YUV	215.1320, -74.0151, 33.2102
Hunter-Lab	86.6688, -10.8220, 49.7942

# Details

The Hex color **FDE141** 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 **415DFD**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF7B**, and **C0AA00** is the 20% darker color. If you saturate the color by 10%, you get **FDDD28**, and if you desaturate by 10%, it is **FDE55A**.

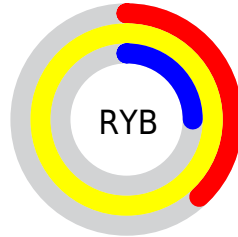
# Distribution



Red (99%)

Green (88%)

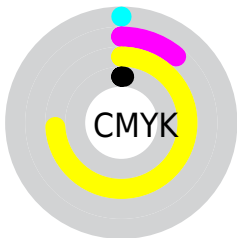
Blue (25%)



Red (38%)

Yellow (99%)

Blue (25%)

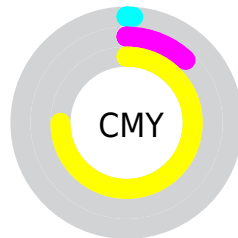


Cyan (0%)

Magenta (11%)

Yellow (74%)

Black (1%)



Cyan (1%)

Magenta (12%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDE141 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 FDE141 by changing the saturation by 10% instead.



 FDE141

 FDE141

FFFFFF

 DEC51E

 FFFF7B

 C0AA00

 FFFF98

 A39000

 FFFFB5

 867700

 FFFF D2

 695E00

 FFFF EF

 4D4700

 333100

 1B1C00

 000000

 FDE141

 FDE141

 FDDD28

 FDE55A

 FDD90E

 FDE974

 FDD700

 FDEC8D

 FDF0A6

 FDF4C0

 FDF8D9

 FDFBF2

FDFFFF

# Harmonies

## Analogous

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



FFC659



FDE141



B1F460

# Triad

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



FDE141



00FFFF



FFABFF

# Complementary

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



FDE141



415DFD

# 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.



F3C8FF



FDE141



00F9FF

# Square

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



FDE141



00FFEB



54E5FF



FF9DD8

# Rectangle

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



FDE141



6CFD88



54E5FF



FFB4FF



# Sweetspot

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



FDE141



FFF7C7



FD415D



807B5E



000000



808080



# Same Dimension

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



FDE141



FFDD1C



BBFD41



807E73



BFA300



403600



# Inverse Universe

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



415DFD



1C3EFF



8341FD



737580



001CBF



000940



# Previews

## White Background



This preview shows how the Hex color FDE141 looks on a white background.

## Color Contrast Check

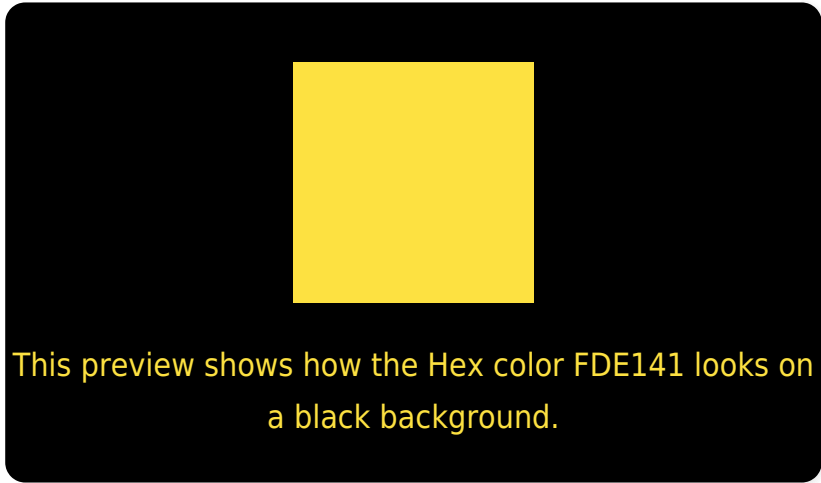
Large Text (above 18pt) WCAG AA × Fail

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 FDE141 Background



This preview shows how black text looks on a background with the Hex color FDE141.



This preview shows how white text looks on a background with the Hex color FDE141.

# 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**  
FDE141

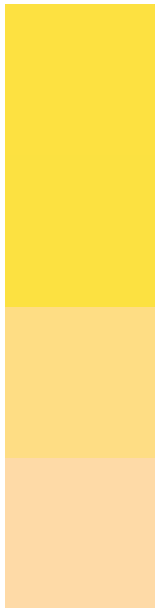
**Protanopia**  
FCE141

**Deuteranopia**  
FFDBAA



**Tritanopia**  
FFD6E2

# Trichromacy



**Original Color**  
FDE141

**Protanomaly**  
FCE141

**Deuteranomaly**  
FEDD84

**Tritanomaly**  
FEDAA7

# Monochromacy



**Original Color**  
FDE141

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
E5DBA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDE141 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 #FDE141 looks like.

```
.text, #text, p{  
    color:#FDE141  
}
```

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 #FDE141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDE141
}
```

## Border

The CSS property to change the border of an element to Hex FDE141 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
#FDE141 }
```

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

```
.border{ border-color:#FDE141 }
```

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

Here you see how a box with a 4 pixel #FDE141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDE141; -webkit-box-shadow:4px 4px  
4px 4px #FDE141; box-shadow:4px 4px 4px  
4px #FDE141 }
```

# Background

The CSS property to change the background color of an element to Hex FDE141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDE141 }
```

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

```
.background{ background-color:#FDE141 }
```

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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