

# Converting Colors

Hex(FDFF4D)

Have a look what the booklet for  
Hex(FDFF4D) contains.

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# **Color**

**Hex(FDFF4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDFD4D
RGB	253, 255, 77
RGB Percent	99%, 100%, 30%
CMY	0.0078, 0.0000, 0.6980
CMYK	0.01, 0.00, 0.70, 0.00
HSL	61°, 100%, 65%
HSV	61°, 70%, 100%
XYZ	77.6076, 92.9385, 20.8697
YIQ	234.1100, 55.9460, -55.7820

# Conversions

## Conversions Part 2

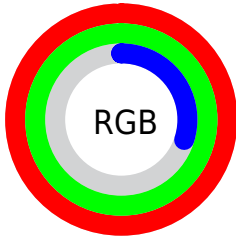
Format	Color
<a href="#">RYB</a>	<a href="#">77, 255, 79</a>
Decimal	<a href="#">16645965</a>
CIELab	<a href="#">97.20, -20.61, 79.86</a>
CIELCh	<a href="#">97, 82.480, 104.471</a>
Yxy	<a href="#">92.9385, 0.4054, 0.4855</a>
Android (android.graphics.Color)	<a href="#">4294836045 (0xFFFDFF4D)</a>
YUV	<a href="#">234.1100, -77.4552, 16.5665</a>
Hunter-Lab	<a href="#">96.4046, -25.0121, 54.6481</a>

# Details

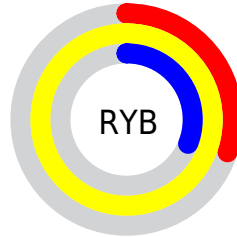
The Hex color **FDF44D** is a light color, and the websafe version is hex **FFF333**. The color can be described as light washed yellow. A complement of this color would be **4F4DFF**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFF888**, and **C1C700** is the 20% darker color. If you saturate the color by 10%, you get **FDF334**, and if you desaturate by 10%, it is **FDF667**.

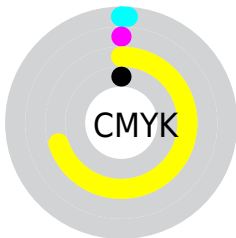
# Distribution



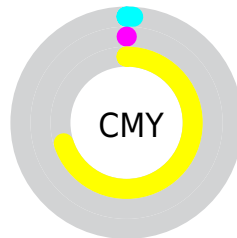
- Red (99%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (31%)



- Cyan (1%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDF44D 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 FDF44D by changing the saturation by 10% instead.



 FDF4D

 FDF4D

FFFFFF

 DFE22B

 FFF88

 C1C700

 FFFA5

 A3AB00

 FFFC2

 869100

 FFFE0

 6A7700

FFFFFFE

 4E5F00

 334700

 183100

 001D00

 FDF4D

 FDF4D

 FDF34

 FDF67

 FCFF1A

 FEFF80

 FCFF01

 FEFF9A

 FCFF00

 FEFFB3

 FEFFCD

 FFFFE6

FFFFFF

# Harmonies

## Analogous

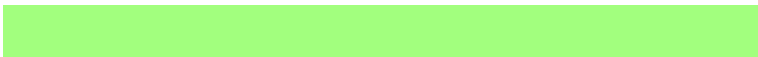
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE454



FDFD4D



A2FF7E

# Triad

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



FDF44D



00FFFF



FF40FF

# Complementary

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



FDF44D



4F4DFF

# 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.



FFD1FF



FDFD4D



00FFFF

# Square

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



FDF44D



00FFFF



AAF2FF



FFAED3

# Rectangle

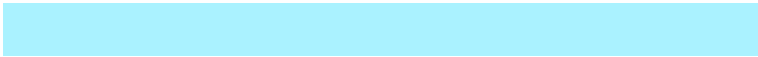
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDF44D



37FFAE



AAF2FF



FFBCFF



# Sweetspot

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



FDF44D



FEFFC9



FF4D4D



7F8060



000000



808080



# Same Dimension

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



FDF44D



FDF429



A6FF4D



7F8073



BDBF00



3F4000



# Inverse Universe

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



4F4DFF



2B29FF



A64DFF



737380



0200BF

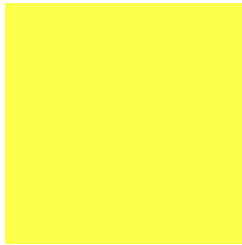


010040



# Previews

## White Background



This preview shows how the Hex color FDF44D looks on a white background.

## Color Contrast Check

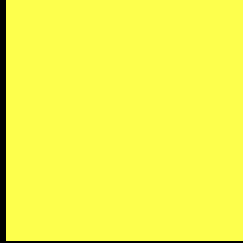
Large Text (above 18pt) WCAG AA × Fail

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 FDF44D 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 FDF44D Background



This preview shows how black text looks on a background with the Hex color FDF44D.



This preview shows how white text looks on a background with the Hex color FDF44D.

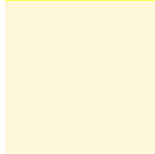
# Color Blindness Simulation

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](#).

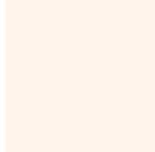
## Dichromacy



**Original Color**  
FDFF4D



**Protanopia**  
FFF7D9

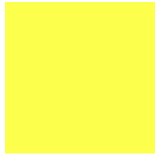


**Deuteranopia**  
FFF5EA

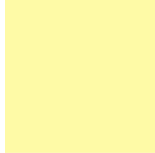


**Tritanopia**  
FFF4FA

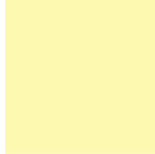
# Trichromacy



**Original Color**  
FDF44D



**Protanomaly**  
FEFAA6

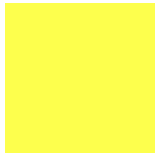


**Deuteranomaly**  
FEF9B1

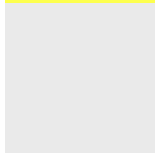


**Tritanomaly**  
FEF8BB

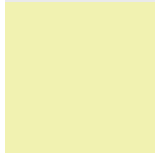
# Monochromacy



**Original Color**  
FDF44D



**Achromatopsia**  
EAEAEA



**Achromatomaly**  
F1F2B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDF44D 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 #FDF44D looks like.

```
.text, #text, p{  
    color:#FDF44D  
}
```

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 #FDFF4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDFF4D
}
```

## Border

The CSS property to change the border of an element to Hex FDFF4D 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
#FDFF4D }
```

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

```
.border{ border-color:#FDFF4D }
```

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

Here you see how a box with a 4 pixel #FDFF4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDFF4D; -webkit-box-shadow:4px 4px  
4px 4px #FDFF4D; box-shadow:4px 4px 4px  
4px #FDFF4D }
```

# Background

The CSS property to change the background color of an element to Hex FDF44D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDF44D }
```

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

```
.background{ background-color:#FDF44D }
```

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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