

# Converting Colors

Hex(FDED68)

Have a look what the booklet for  
Hex(FDED68) contains.

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# **Color**

**Hex(FDED68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDED68
RGB	253, 237, 104
RGB Percent	99%, 93%, 41%
CMY	0.0078, 0.0706, 0.5922
CMYK	0.00, 0.06, 0.59, 0.01
HSL	54°, 97%, 70%
HSV	54°, 59%, 99%
XYZ	73.2909, 82.4505, 25.1484
YIQ	226.6220, 52.2290, -37.9710

# Conversions

## Conversions Part 2

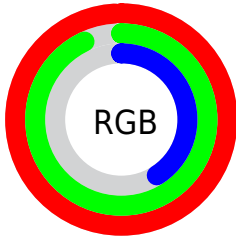
Format	Color
<b>RYB</b>	122, 253, 104
Decimal	16641384
CIELab	92.77, -10.35, 64.83
CIELCh	93, 65.651, 99.070
Yxy	82.4505, 0.4052, 0.4558
Android (android.graphics.Color)	4294831464 (0xFFFD68)
YUV	226.6220, -60.4526, 23.1335
Hunter-Lab	90.8023, -14.8280, 47.1407

# Details

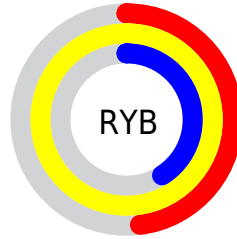
The Hex color **FDED68** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **6878FD**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFF9F**, and **C1B530** is the 20% darker color. If you saturate the color by 10%, you get **FDEA4F**, and if you desaturate by 10%, it is **FDF081**.

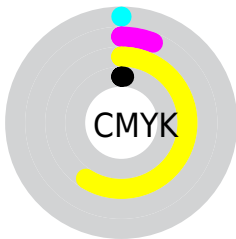
# Distribution



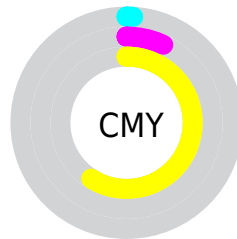
- Red (99%)
- Green (93%)
- Blue (41%)



- Red (48%)
- Yellow (99%)
- Blue (41%)



- Cyan (0%)
- Magenta (6%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDED68 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 FDED68 by changing the saturation by 10% instead.



 FEDED68

FFFFFF

 FFFF9F

 FFFFBC

 FFFFD8

 FFFFF6

 FEDED68

 DFD14C

 C1B530

 A49B09

 888100

 6C6800

 515000

 373A00

 1E2400

 001000

 FDED68

 FDED68

 FDEA4F

 FDF081

 FDE835

 FDF29B

 FDE51C

 FDF5B4

 FDE203

 FDF8CD

 FDE200

 FDFBE7

 FDFDFF

 FDFFFF

# Harmonies

## Analogous

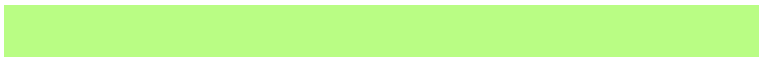
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD773



FDED68



B9FD84

# Triad

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



FDED68



00FFFF



FFBCFF

# Complementary

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



FDED68



6878FD

# 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.



FFD2FF



FDED68



00DFFF

# Square

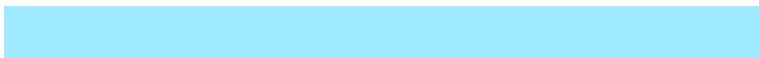
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FDED68



00FFFC



A0EAFF



FFB4D9

# Rectangle

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



FDED68



80FFA7



A0EAFF



FFC2FF



# Sweetspot

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



FDED68



FFFAD1



FD6879



807C63



000000



808080



# Same Dimension

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



FDED68



FFEC4A



C4FD68



807E73



BFAB00



403900



# Inverse Universe

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



6878FD



4A5DFF



A168FD



737480



0015BF

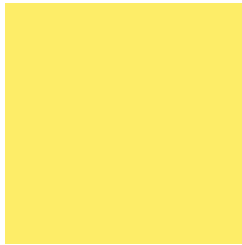


000740



# Previews

## White Background



This preview shows how the Hex color FDED68 looks on a white background.

## Color Contrast Check

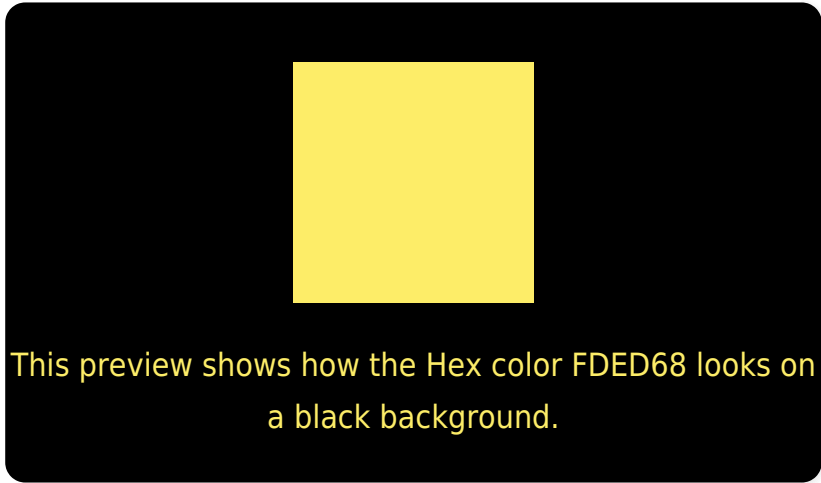
Large Text (above 18pt) WCAG AA × Fail

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 FDED68 Background



This preview shows how black text looks on a background with the Hex color FDED68.

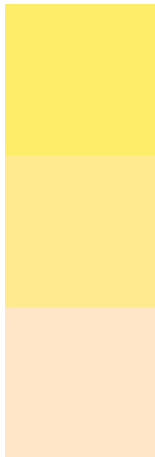


This preview shows how white text looks on a background with the Hex color FDED68.

# 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**  
FDED68

**Protanopia**  
FFEA90

**Deuteranopia**  
FFE6C9

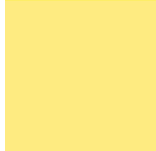


**Tritanopia**  
FFE3EE

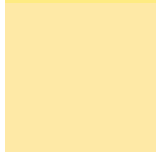
# Trichromacy



**Original Color**  
FDED68



**Protanomaly**  
FEEB81



**Deuteranomaly**  
FEE9A6

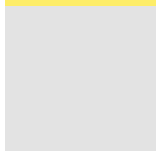


**Tritanomaly**  
FEE7BD

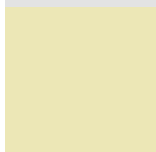
# Monochromacy



**Original Color**  
FDED68



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
ECE7B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDED68 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 #FDED68 looks like.

```
.text, #text, p{  
    color:#FDED68  
}
```

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 #FDED68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDED68  
}
```

## Border

The CSS property to change the border of an element to Hex FDED68 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  
#FDED68 }
```

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

```
.border{ border-color:#FDED68 }
```

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

Here you see how a box with a 4 pixel #FDED68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDED68; -webkit-box-shadow:4px 4px  
4px 4px #FDED68; box-shadow:4px 4px 4px  
4px #FDED68 }
```

# Background

The CSS property to change the background color of an element to Hex FDED68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDED68 }
```

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

```
.background{ background-color:#FDED68 }
```

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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