

# Converting Colors

Hex(FDE999)

Have a look what the booklet for  
Hex(FDE999) contains.

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**Color**

**Hex(FDE999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDE999
RGB	253, 233, 153
RGB Percent	99%, 91%, 60%
CMY	0.0078, 0.0863, 0.4000
CMYK	0.00, 0.08, 0.40, 0.01
HSL	48°, 96%, 80%
HSV	48°, 40%, 99%
XYZ	75.3967, 81.4604, 41.8866
YIQ	229.8600, 37.6000, -20.6400

# Conversions

## Conversions Part 2

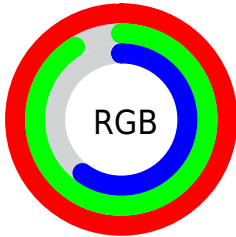
Format	Color
<a href="#">RYB</a>	<a href="#">178, 253, 153</a>
Decimal	<a href="#">16640409</a>
CIELab	<a href="#">92.34, -4.12, 41.33</a>
CIELCh	<a href="#">92, 41.534, 95.686</a>
Yxy	<a href="#">81.4604, 0.3794, 0.4099</a>
Android (android.graphics.Color)	<a href="#">4294830489</a> (0xFFFFDE999)
YUV	<a href="#">229.8600, -37.8920, 20.2938</a>
Hunter-Lab	<a href="#">90.2554, -8.8333, 35.6629</a>

# Details

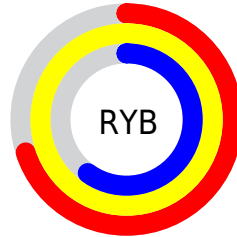
The Hex color **FDE999** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **99ADFD**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFD0**, and **C3B265** is the 20% darker color. If you saturate the color by 10%, you get **FDE480**, and if you desaturate by 10%, it is **FDEEB2**.

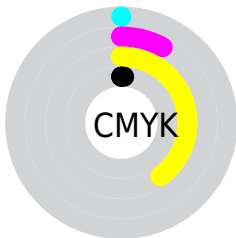
# Distribution



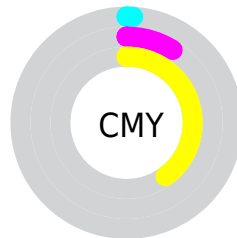
- Red (99%)
- Green (91%)
- Blue (60%)



- Red (70%)
- Yellow (99%)
- Blue (60%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDE999 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 FDE999 by changing the saturation by 10% instead.



 FDE999

 FDE999

FFFFFF

 E0CD7E

 FFFFD0

 C3B265

 FFFFED

 A7974C

 8B7D33

 70641A

 564D00

 3E3600

 252100

 020B00

 FDE999

 FDE999

 FDE480

 FDEEB2

 FDDF66

 FDF3CC

 FDDA4D

 FDF8E5

 FDD534

 FDFDFE

 FDD01A

FDFFFF

 FDCB01

 FDCA00

# Harmonies

## Analogous

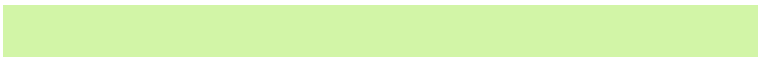
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDBA1



FDE999



D2F5A7

# Triad

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



FDE999



5FFDFF



FFD0FF

# Complementary

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



FDE999



99ADFD

# 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.



F8DCFF



FDE999



82F6FF

# Square

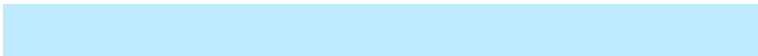
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FDE999



74FFF0



BFEAFF



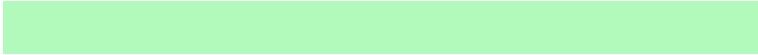
FFCBE3

# Rectangle

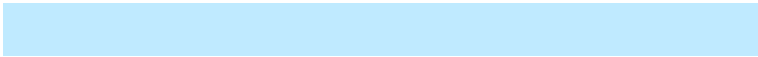
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDE999



B2FABB



BFEAFF



FFD3FF



# Sweetspot

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



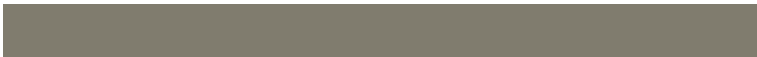
FDE999



FFF9E0



FD99AD



807C6E



000000



808080



# Same Dimension

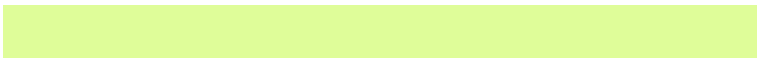
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FDE999



FFE787



DFFD99



807D73



BF9900



403300



# Inverse Universe

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



99ADFD



879FFF



B799FD



737580



0026BF



000D40



# Previews

## White Background



This preview shows how the Hex color FDE999 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 FDE999 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 FDE999 Background



This preview shows how black text looks on a background with the Hex color FDE999.



This preview shows how white text looks on a background with the Hex color FDE999.

# 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**  
FDE999

**Protanopia**  
FDE999

**Deuteranopia**  
FFE5CB



**Tritanopia**  
FFE1EE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDE999 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 #FDE999 looks like.

```
.text, #text, p{  
    color:#FDE999  
}
```

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 #FDE999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDE999
}
```

## Border

The CSS property to change the border of an element to Hex FDE999 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
#FDE999 }
```

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

```
.border{ border-color:#FDE999 }
```

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

Here you see how a box with a 4 pixel #FDE999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDE999; -webkit-box-shadow:4px 4px  
4px 4px #FDE999; box-shadow:4px 4px 4px  
4px #FDE999 }
```

# Background

The CSS property to change the background color of an element to Hex FDE999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDE999 }
```

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

```
.background{ background-color:#FDE999 }
```

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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