

# Converting Colors

Hex(FFDC7A)

Have a look what the booklet for  
Hex(FFDC7A) contains.

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# **Color**

**Hex(FFDC7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDC7A
RGB	255, 220, 122
RGB Percent	100%, 86%, 48%
CMY	0.0000, 0.1373, 0.5216
CMYK	0.00, 0.14, 0.52, 0.00
HSL	44°, 100%, 74%
HSV	44°, 52%, 100%
XYZ	70.3461, 73.8515, 28.9595
YIQ	219.2930, 52.3180, -23.0580

# Conversions

## Conversions Part 2

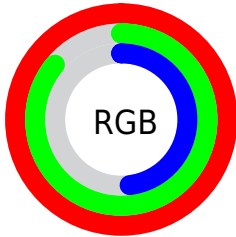
Format	Color
<a href="#">RYB</a>	<a href="#">170, 255, 122</a>
Decimal	<a href="#">16768122</a>
CIELab	<a href="#">88.85, 0.33, 52.16</a>
CIELCh	<a href="#">89, 52.161, 89.641</a>
Yxy	<a href="#">73.8515, 0.4063, 0.4265</a>
Android (android.graphics.Color)	<a href="#">4294958202 (0xFFFFDC7A)</a>
YUV	<a href="#">219.2930, -47.9654, 31.3150</a>
Hunter-Lab	<a href="#">85.9369, -4.2735, 40.1760</a>

# Details

The Hex color **FFDC7A** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7A9DFF**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFB0**, and **C4A546** is the 20% darker color. If you saturate the color by 10%, you get **FFD561**, and if you desaturate by 10%, it is **FFE394**.

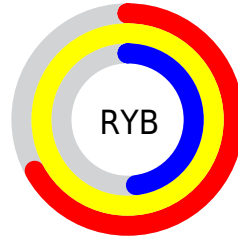
# Distribution



Red (100%)

Green (86%)

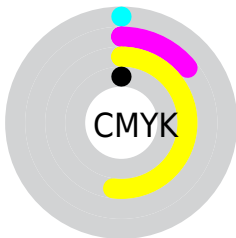
Blue (48%)



Red (67%)

Yellow (100%)

Blue (48%)

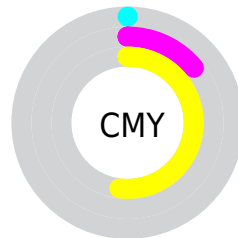


Cyan (0%)

Magenta (14%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFDC7A 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 FFDC7A by changing the saturation by 10% instead.



 FFDC7A

 FFDC7A

FFFFFF

 E1C060

 FFFFB0

 C4A546

 FFFFCC

 A78B2C

 FFFFEE9

 8B720D

 6F5900

 554200

 3A2D00

 211800

 000000

 FFDC7A

 FFDC7A

 FFD561

 FFE394

 FFCF47

 FFE9AD

 FFC82E

 FFF0C7

 FFC114

 FFF7E0

 FFBC00

 FFFEFA

FFFFFF

# Harmonies

## Analogous

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



FFCA8A



FFDC7A



CCEB86

# Triad

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



FFDC7A



00F8FF



FFC1FF

# Complementary

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



FFDC7A



7A9DFE

# 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.



E3D2FF



FFDC7A



00F1FF

# Square

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



FFDC7A



39F9DD



90E4FF



FFB7E2

# Rectangle

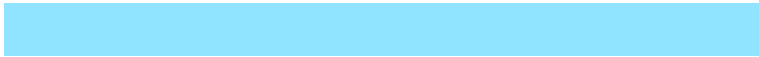
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFDC7A



A5F29D



90E4FF



FFC6FF



# Sweetspot

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



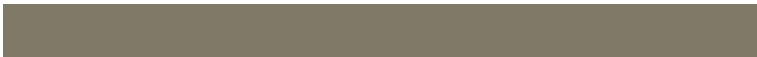
FFDC7A



FFF4D6



FF7A9D



807967



000000



808080



# Same Dimension

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



FFDC7A



FFD55E



E0FF7A



807C73



BF8D00



402F00



# Inverse Universe

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



7A9DFF



5E89FF



997AFF



737680



0032BF



001140



# Previews

## White Background



This preview shows how the Hex color FFDC7A looks on a white background.

## Color Contrast Check

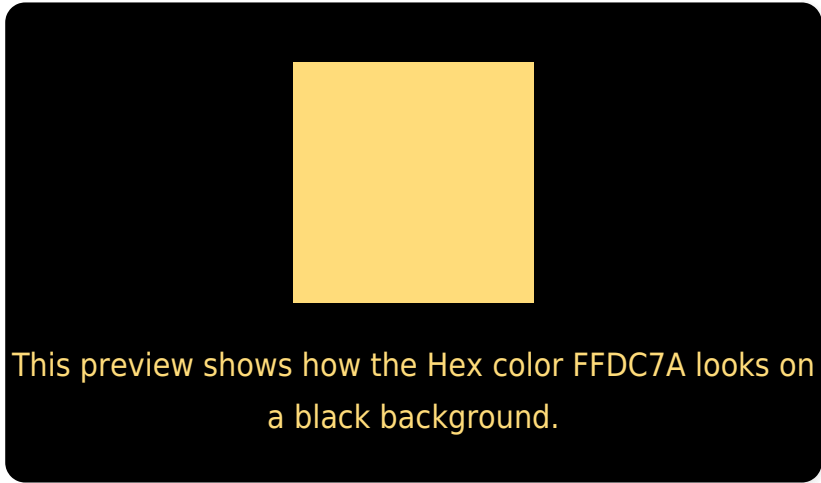
Large Text (above 18pt) WCAG AA × Fail

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 FFDC7A Background



This preview shows how black text looks on a background with the Hex color FFDC7A.

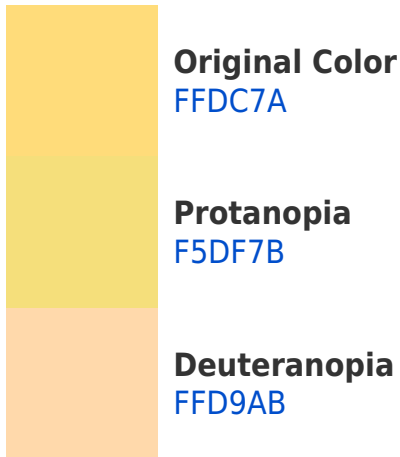


This preview shows how white text looks on a background with the Hex color FFDC7A.

# 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](#).

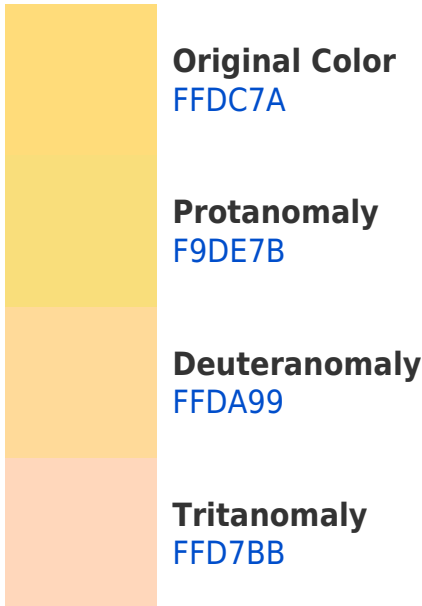
## Dichromacy



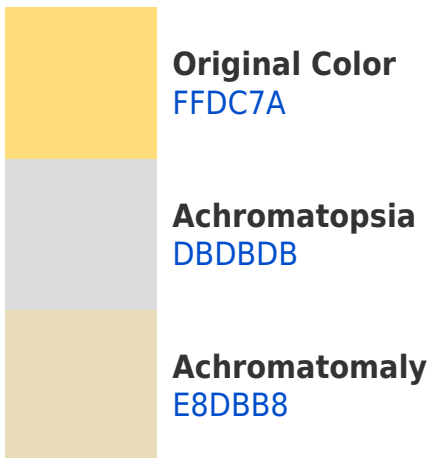


**Tritanopia**  
FFD4E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFDC7A 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 #FFDC7A looks like.

```
.text, #text, p{  
    color:#FFDC7A  
}
```

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 #FFDC7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDC7A
}
```

## Border

The CSS property to change the border of an element to Hex FFDC7A 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
#FFDC7A }
```

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

```
.border{ border-color:#FFDC7A }
```

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

Here you see how a box with a 4 pixel #FFDC7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDC7A; -webkit-box-shadow:4px 4px  
4px 4px #FFDC7A; box-shadow:4px 4px 4px  
4px #FFDC7A }
```

# Background

The CSS property to change the background color of an element to Hex FFDC7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDC7A }
```

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

```
.background{ background-color:#FFDC7A }
```

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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