

# Converting Colors

Hex(F7D381)

Have a look what the booklet for  
Hex(F7D381) contains.

<b>Hex(F7D381)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F7D381)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7D381
RGB	247, 211, 129
RGB Percent	97%, 83%, 51%
CMY	0.0314, 0.1725, 0.4941
CMYK	0.00, 0.15, 0.48, 0.03
HSL	42°, 88%, 74%
HSV	42°, 48%, 97%
XYZ	65.6145, 67.9477, 30.4258
YIQ	212.4160, 47.7780, -17.8700

# Conversions

## Conversions Part 2

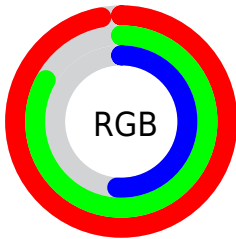
Format	Color
<b>RYB</b>	181, 247, 129
Decimal	16241537
CIELab	85.98, 2.33, 45.07
CIELCh	86, 45.133, 87.041
Yxy	67.9477, 0.4001, 0.4143
Android (android.graphics.Color)	4294431617 (0xFFFF7D381)
YUV	212.4160, -41.1241, 30.3302
Hunter-Lab	82.4304, -2.1674, 35.8168

# Details

The Hex color **F7D381** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **81A5F7**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFB7**, and **BC9D4E** is the 20% darker color. If you saturate the color by 10%, you get **F7CB68**, and if you desaturate by 10%, it is **F7DB9A**.

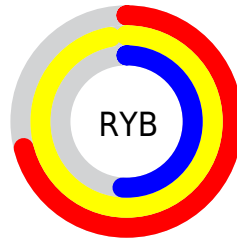
# Distribution



Red (97%)

Green (83%)

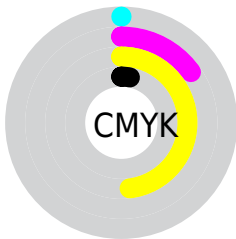
Blue (51%)



Red (71%)

Yellow (97%)

Blue (51%)

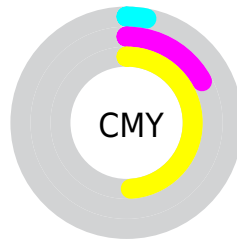


Cyan (0%)

Magenta (15%)

Yellow (48%)

Black (3%)



Cyan (3%)

Magenta (17%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7D381 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 F7D381 by changing the saturation by 10% instead.



 F7D381

 F7D381

FFFFFF

 D9B767

 FFFFB7

 BC9D4E

 FFFFD3

 A08335

 FFFFF0

 846A1B

 695200

 4F3B00

 352600

 1D1100

 000000

 F7D381

 F7D381

 F7CB68

 F7DB9A

 F7C450

 F7E2B2

 F7BC37

 F7EACB

 F7B51E

 F7F1E4

 F7AD05

 F7F9FC

 F7AC00

 F7FFFF

# Harmonies

## Analogous

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



FFC491



F7D381



CBE089

# Triad

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



F7D381



1CEDFC



FFBFFF

# Complementary

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



F7D381



81A5F7

# 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.



D6CEFF



F7D381



42E8FF

# Square

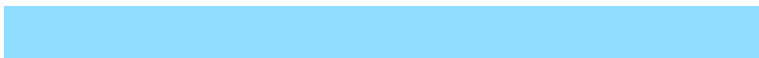
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F7D381



5FEED1



91DDFF



FFB6DD

# Rectangle

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



F7D381



AAE79B



91DDFF



FAC3FF



# Sweetspot

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



F7D381



FFF4DB



F781A6



80796A



000000



808080



# Same Dimension

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



F7D381



FFD36E



E1F781



7A776E



BA8100



3B2900



# Inverse Universe

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



81A5F7



6E9AFF



9781F7



6E727A



0039BA



00123B



# Previews

## White Background



This preview shows how the Hex color F7D381 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 F7D381 Background



This preview shows how black text looks on a background with the Hex color F7D381.

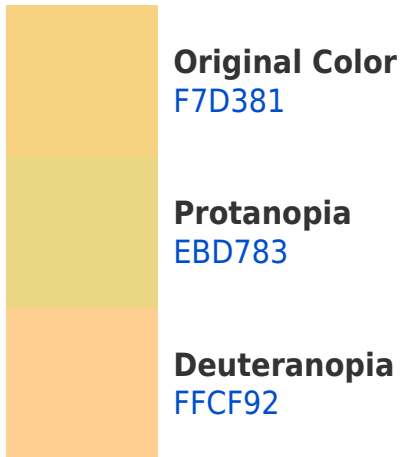


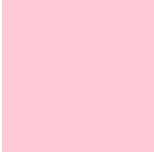
This preview shows how white text looks on a background with the Hex color F7D381.

# 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](#).

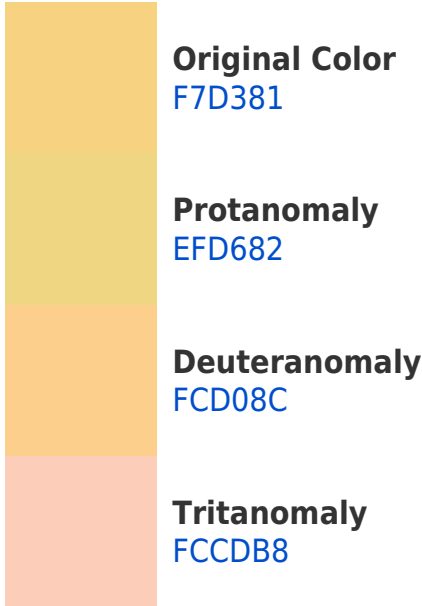
## Dichromacy





**Tritanopia**  
FFC9D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7D381 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 #F7D381 looks like.

```
.text, #text, p{  
    color:#F7D381  
}
```

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 #F7D381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7D381
}
```

## Border

The CSS property to change the border of an element to Hex F7D381 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
#F7D381 }
```

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

```
.border{ border-color:#F7D381 }
```

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

Here you see how a box with a 4 pixel #F7D381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7D381; -webkit-box-shadow:4px 4px  
4px 4px #F7D381; box-shadow:4px 4px 4px  
4px #F7D381 }
```

# Background

The CSS property to change the background color of an element to Hex F7D381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7D381 }
```

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

```
.background{ background-color:#F7D381 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor