

Converting Colors

Hex(FFD381)

Have a look what the booklet for
Hex(FFD381) contains.

Hex(FFD381)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFD381)

Conversions

Conversions Part 1

Format	Color
Hex	FFD381
RGB	255, 211, 129
RGB Percent	100%, 83%, 51%
CMY	0.0000, 0.1725, 0.4941
CMYK	0.00, 0.17, 0.49, 0.00
HSL	39°, 100%, 75%
HSV	39°, 49%, 100%
XYZ	68.4967, 69.4335, 30.5607
YIQ	214.8080, 52.5460, -16.1740

Conversions

Conversions Part 2

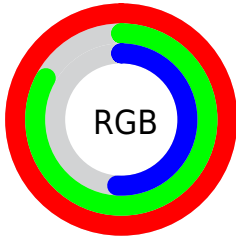
Format	Color
RYB	197, 255, 129
Decimal	16765825
CIELab	86.72, 5.53, 46.15
CIELCh	87, 46.482, 83.172
Yxy	69.4335, 0.4065, 0.4121
Android (android.graphics.Color)	4294955905 (0xFFFFD381)
YUV	214.8080, -42.3033, 35.2484
Hunter-Lab	83.3268, 0.9097, 36.5837

Details

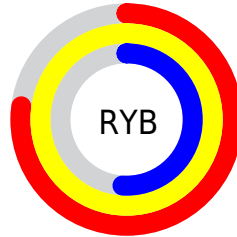
The Hex color **FFD381** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **81ADFF**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFB7**, and **C49D4E** is the 20% darker color. If you saturate the color by 10%, you get **FFCA68**, and if you desaturate by 10%, it is **FFDC9B**.

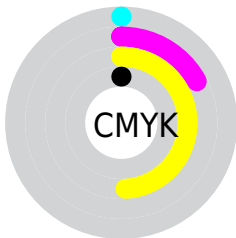
Distribution



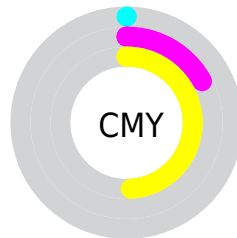
- Red (100%)
- Green (83%)
- Blue (51%)



- Red (77%)
- Yellow (100%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFD381 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 FFD381 by changing the saturation by 10% instead.

 FFD381

 FFD381

FFFFFF

 E1B767

 FFFFB7

 C49D4E

 FFFFD3

 A78335

 FFFFF0

 8B6A1B

 6F5200

 553B00

 3B2500

 221100

 000000

 FFD381

 FFD381

 FFCA68

 FFDC9B

 FFC14E

 FFE5B4

 FFB835

 FFEECE

 FFAF1B

 FFF7E7

 FFA602

FFFFFF

 FFA600

Harmonies

Analogous

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



FFC494



FFD381



D3E186

Triad

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



FFD381



0CF0FA



FFC2FF

Complementary

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



FFD381



81ADFF

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.



CFD1FF



FFD381



2BEBFF

Square

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



FFD381



64F0CD



86E1FF



FFB7E5

Rectangle

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



FFD381



B2E897



86E1FF



F7C7FF

Sweetspot

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



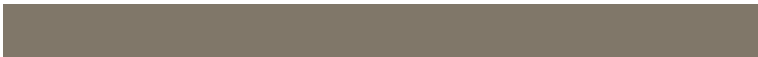
FFD381



FFF2D9



FF81AD



807769



000000



808080

Same Dimension

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



FFD381



FFCA69



ECFF81



807B73



BF7C00



402900

Inverse Universe

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



81ADFF



699DFF



9481FF



737780



0043BF



001640

Previews

White Background



This preview shows how the Hex color FFD381 looks on a white background.

Color Contrast Check

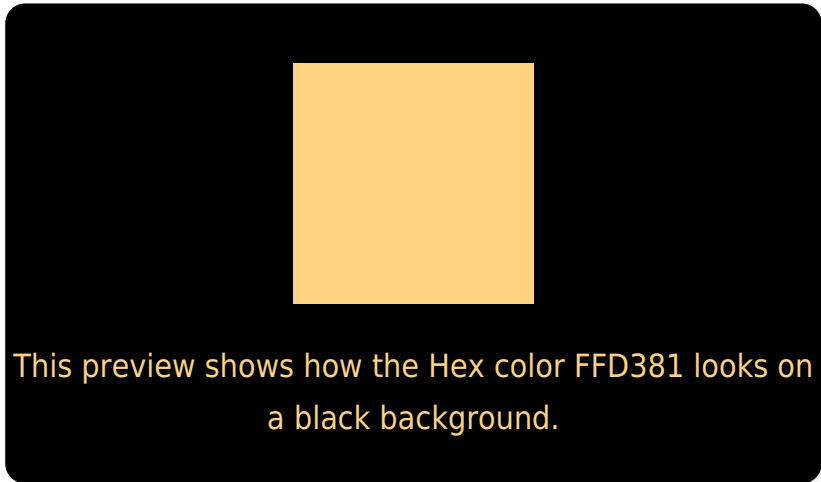
Large Text (above 18pt) WCAG AA × Fail

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 FFD381 Background



This preview shows how black text looks on a background with the Hex color FFD381.

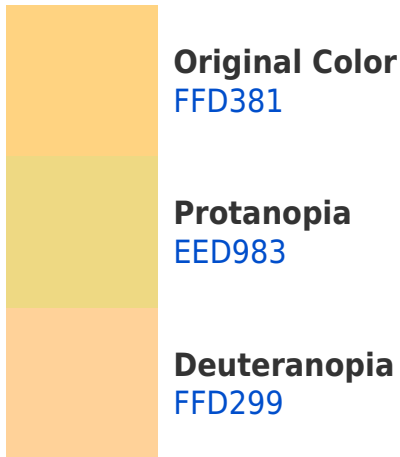


This preview shows how white text looks on a background with the Hex color FFD381.

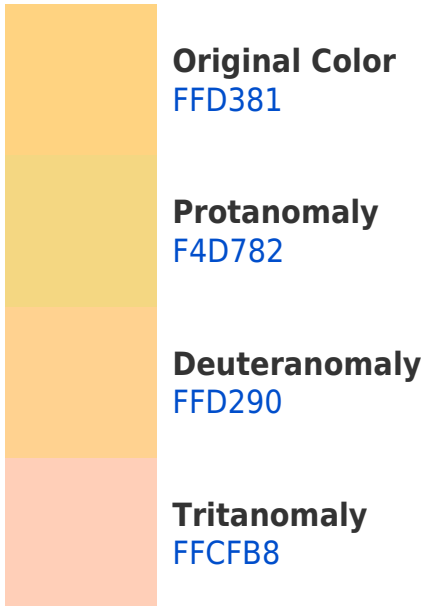
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFD381 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 #FFD381 looks like.

```
.text, #text, p{  
    color:#FFD381  
}
```

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 #FFD381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD381
}
```

Border

The CSS property to change the border of an element to Hex FFD381 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
#FFD381 }
```

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

```
.border{ border-color:#FFD381 }
```

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

Here you see how a box with a 4 pixel #FFD381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD381; -webkit-box-shadow:4px 4px  
4px 4px #FFD381; box-shadow:4px 4px 4px  
4px #FFD381 }
```

Background

The CSS property to change the background color of an element to Hex FFD381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD381 }
```

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

```
.background{ background-color:#FFD381 }
```

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