

Converting Colors

Hex(FFF381)

Have a look what the booklet for
Hex(FFF381) contains.

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Color

Hex(FFF381)

Conversions

Conversions Part 1

Format	Color
Hex	FFF381
RGB	255, 243, 129
RGB Percent	100%, 95%, 51%
CMY	0.0000, 0.0471, 0.4941
CMYK	0.00, 0.05, 0.49, 0.00
HSL	54°, 100%, 75%
HSV	54°, 49%, 100%
XYZ	77.2530, 86.9462, 33.4795
YIQ	233.5920, 43.7460, -32.9100

Conversions

Conversions Part 2

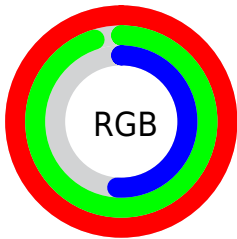
Format	Color
RYB	142, 255, 129
Decimal	16774017
CIELab	94.72, -10.60, 55.90
CIElCh	95, 56.895, 100.740
Yxy	86.9462, 0.3908, 0.4398
Android (android.graphics.Color)	4294964097 (0xFFFFFFFF381)
YUV	233.5920, -51.5639, 18.7748
Hunter-Lab	93.2449, -15.2921, 43.9834

Details

The Hex color **FFF381** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **818DFF**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFB8**, and **C4BB4C** is the 20% darker color. If you saturate the color by 10%, you get **FFF168**, and if you desaturate by 10%, it is **FFF59B**.

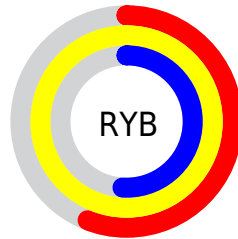
Distribution



Red (100%)

Green (95%)

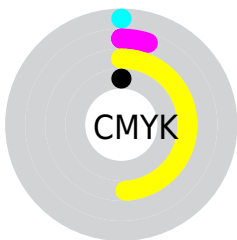
Blue (51%)



Red (56%)

Yellow (100%)

Blue (51%)

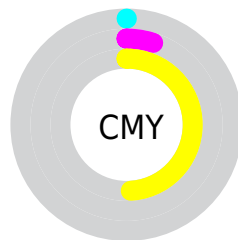


Cyan (0%)

Magenta (5%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFF381 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 FFF381 by changing the saturation by 10% instead.

 FFF381

 FFF381

FFFFFF

 E1D766

 FFFFB8

 C4BB4C

 FFFFD5

 A7A031

 FFFFF1

 8B8612

 706D00

 555500

 3B3E00

 222800

 001500

 FFF381

 FFF381

 FFF168

 FFF59B

 FFEE4E

 FFF8B4

 FFEC35

 FFFACE

 FFE91B

 FFFDE7

 FFE702

FFFFFF

 FFE700

Harmonies

Analogous

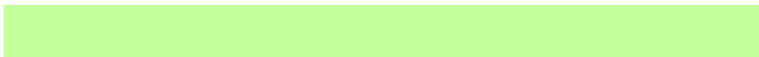
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE088



FFF381



C3FF9A

Triad

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



FFF381



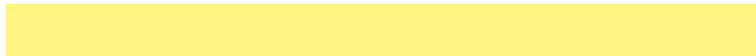
00FFFF



FFC8FF

Complementary

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



FFF381



818DFF

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.



FFDAFF



FFF381



3CFFFF

Square

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



FFF381



00FFFF



BCEFFF



FFC3DE

Rectangle

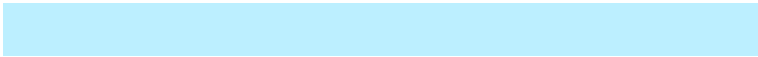
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF381



94FFB8



BCEFFF



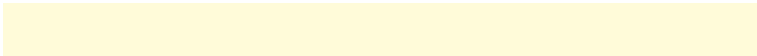
FFCDFF

Sweetspot

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



FFF381



FFFB09



FF818E



807D69



000000



808080

Same Dimension

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



FFF381



FFF169



CDFF81



807E73



BFAD00



403A00

Inverse Universe

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



818DFF



6977FF



B381FF



737480



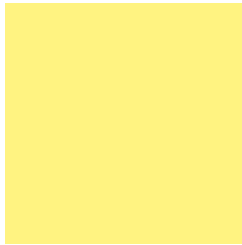
0012BF



000640

Previews

White Background



This preview shows how the Hex color FFF381 looks on a white background.

Color Contrast Check

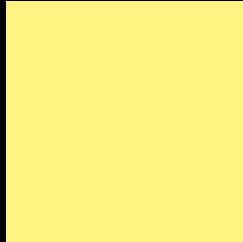
Large Text (above 18pt) WCAG AA × Fail

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 FFF381 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 FFF381 Background



This preview shows how black text looks on a background with the Hex color FFF381.

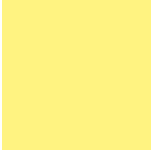

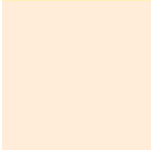


This preview shows how white text looks on a background with the Hex color FFF381.

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 FFF381
	Protanopia FFF0B6
	Deuteranopia FFEDDA



Tritanopia
FFEAF4

Trichromacy



Original Color
FFF381



Protanomaly
FFF1A3



Deuteranomaly
FFEFB8

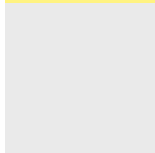


Tritanomaly
FFEDCA

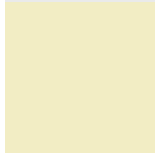
Monochromacy



Original Color
FFF381



Achromatopsia
EAEAEA



Achromatomaly
F2EDC4

CSS Examples

Text

The CSS property to change the color of the text to Hex FFF381 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 #FFF381 looks like.

```
.text, #text, p{  
    color:#FFF381  
}
```

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 #FFF381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF381
}
```

Border

The CSS property to change the border of an element to Hex FFF381 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
#FFF381 }
```

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

```
.border{ border-color:#FFF381 }
```

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

Here you see how a box with a 4 pixel #FFF381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF381; -webkit-box-shadow:4px 4px  
4px 4px #FFF381; box-shadow:4px 4px 4px  
4px #FFF381 }
```

Background

The CSS property to change the background color of an element to Hex FFF381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF381 }
```

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

```
.background{ background-color:#FFF381 }
```

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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