

Converting Colors

Hex(FFC375)

Have a look what the booklet for
Hex(FFC375) contains.

Hex(FFC375)	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(FFC375)

Conversions

Conversions Part 1

Format	Color
Hex	FFC375
RGB	255, 195, 117
RGB Percent	100%, 76%, 46%
CMY	0.0000, 0.2353, 0.5412
CMYK	0.00, 0.24, 0.54, 0.00
HSL	34°, 100%, 73%
HSV	34°, 54%, 100%
XYZ	63.9660, 61.5746, 25.3433
YIQ	204.0480, 60.7980, -11.5380

Conversions

Conversions Part 2

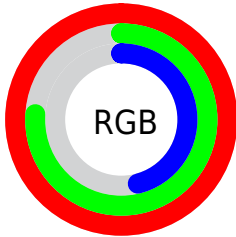
Format	Color
RYB	223, 255, 117
Decimal	16761717
CIELab	82.69, 12.79, 47.12
CIELCh	83, 48.829, 74.810
Yxy	61.5746, 0.4239, 0.4081
Android (android.graphics.Color)	4294951797 (0xFFFFC375)
YUV	204.0480, -42.9147, 44.6849
Hunter-Lab	78.4695, 8.1864, 35.7797

Details

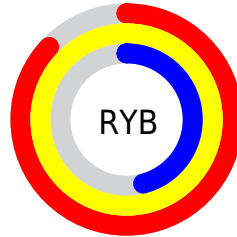
The Hex color **FFC375** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **75B1FF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFBAB**, and **C38D42** is the 20% darker color. If you saturate the color by 10%, you get **FFB85B**, and if you desaturate by 10%, it is **FFCE8F**.

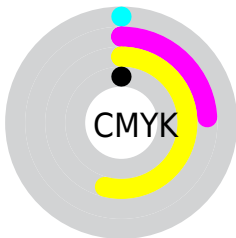
Distribution



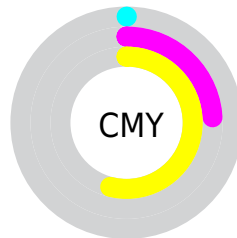
- Red (100%)
- Green (76%)
- Blue (46%)



- Red (87%)
- Yellow (100%)
- Blue (46%)



- Cyan (0%)
- Magenta (24%)
- Yellow (54%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFC375 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 FFC375 by changing the saturation by 10% instead.

 FFC375

 FFC375

FFFFFF

 E1A85B

 FFFBAB

 C38D42

 FFFFC6

 A67429

 FFFFE3

 8A5B0E

 6E4400

 532E00

 381900

 200000

 000000

 FFC375

 FFC375

 FFB85B

 FFCE8F

 FFAD42

 FFD9A8

 FFA228

 FFE4C2

 FF970F

 FFEFDB

 FF9000

 FFFAF4

FFFFFF

Harmonies

Analogous

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



FFB38F



FFC375



D4D273

Triad

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



FFC375



00E6E4



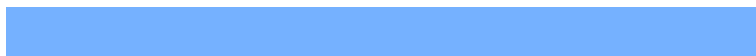
EFB9FF

Complementary

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



FFC375



75B1FF

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.



AECBFF



FFC375



00E2FF

Square

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



FFC375



62E4B4



54D9FF



FFACE7

Rectangle

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



FFC375



B3DA80



54D9FF



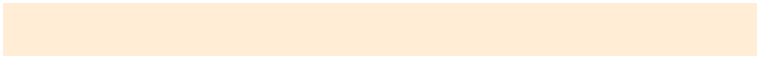
DCBFFF

Sweetspot

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



FFC375



FFEDD6



FF75B3



807567



000000



808080

Same Dimension

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



FFC375



FFB759



F8FF75



807A73



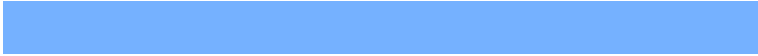
BF6C00



402400

Inverse Universe

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



75B1FF



59A1FF



7C75FF



737880



0053BF



001C40

Previews

White Background



This preview shows how the Hex color FFC375 looks on a white background.

Color Contrast Check

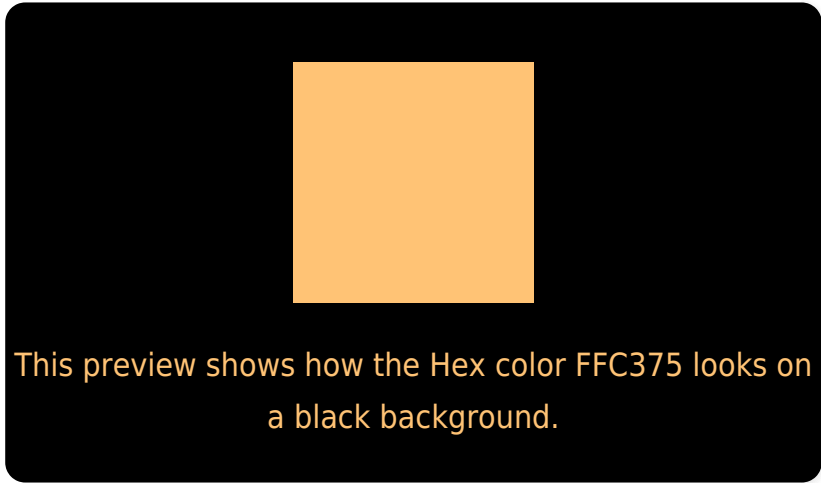
Large Text (above 18pt) WCAG AA × Fail

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 FFC375 Background



This preview shows how black text looks on a background with the Hex color FFC375.



This preview shows how white text looks on a background with the Hex color FFC375.

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
FFC375

Protanopia
E2CE79

Deuteranopia
FBC575

Trichromacy



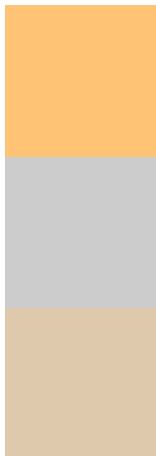
Original Color
FFC375

Protanomaly
EDCA78

Deuteranomaly
FCC475

Tritanomaly
FFBFAA

Monochromacy



Original Color
FFC375

Achromatopsia
CCCCCC

Achromatomaly
DFC9AC

CSS Examples

Text

The CSS property to change the color of the text to Hex FFC375 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 #FFC375 looks like.

```
.text, #text, p{  
    color:#FFC375  
}
```

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 #FFC375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC375  
}
```

Border

The CSS property to change the border of an element to Hex FFC375 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  
#FFC375 }
```

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

```
.border{ border-color:#FFC375 }
```

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

Here you see how a box with a 4 pixel #FFC375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC375; -webkit-box-shadow:4px 4px  
4px 4px #FFC375; box-shadow:4px 4px 4px  
4px #FFC375 }
```

Background

The CSS property to change the background color of an element to Hex FFC375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC375 }
```

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

```
.background{ background-color:#FFC375 }
```

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