

# Converting Colors

Hex(FCA375)

Have a look what the booklet for  
Hex(FCA375) contains.

<b>Hex(FCA375)</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(FCA375)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FCA375
RGB	252, 163, 117
RGB Percent	99%, 64%, 46%
CMY	0.0118, 0.3608, 0.5412
CMYK	0.00, 0.35, 0.54, 0.01
HSL	20°, 96%, 72%
HSV	20°, 54%, 99%
XYZ	56.4530, 48.1742, 23.1528
YIQ	184.3670, 67.8100, 4.5620

# Conversions

## Conversions Part 2

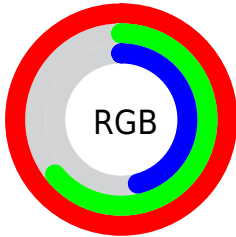
Format	Color
<a href="#">RYB</a>	<a href="#">252, 187, 117</a>
Decimal	<a href="#">16556917</a>
CIELab	<a href="#">74.93, 28.33, 37.41</a>
CIElCh	<a href="#">75, 46.928, 52.860</a>
Yxy	<a href="#">48.1742, 0.4418, 0.3770</a>
Android (android.graphics.Color)	<a href="#">4294746997</a> ( <a href="#">0xFFFC375</a> )
YUV	<a href="#">184.3670, -33.2119, 59.3141</a>
Hunter-Lab	<a href="#">69.4076, 23.7203, 28.8076</a>

# Details

The Hex color **FCA375** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **75CEFC**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFDAAA**, and **C06F44** is the 20% darker color. If you saturate the color by 10%, you get **FC925C**, and if you desaturate by 10%, it is **FCB48E**.

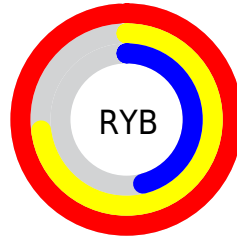
# Distribution



Red (99%)

Green (64%)

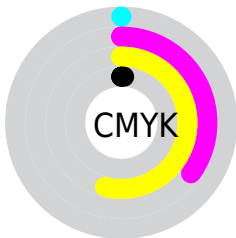
Blue (46%)



Red (99%)

Yellow (73%)

Blue (46%)

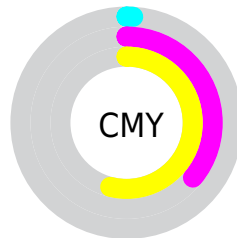


Cyan (0%)

Magenta (35%)

Yellow (54%)

Black (1%)



Cyan (1%)

Magenta (36%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCA375 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 FCA375 by changing the saturation by 10% instead.



 FCA375

 FCA375

FFFFFF

 DE885C

 FFDAAA

 C06F44

 FFF7C5

 A2562C

 FFFFE1

 863D15

FFFFFFE

 692600

 4D0E00

 330000

 100000

 000000

 FCA375

 FCA375

 FC925C

 FCB48E

 FC8243

 FCC4A7

 FC7129

 FCD5C1

 FC6110

 FCE5DA

 FC5600

 FCF6F3

 FCFFFF

# Harmonies

## Analogous

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



FF9799



FCA375



DDB262

# Triad

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



FCA375



39CEAC



ADB1FF

# Complementary

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



FCA375



75CEFC

# 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.



5CC0FF



FCA375



00CFD9

# Square

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



FCA375



7FC983



00CAFC



E4A1ED

# Rectangle

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



FCA375



C1BC62



00CAFC



95B6FF

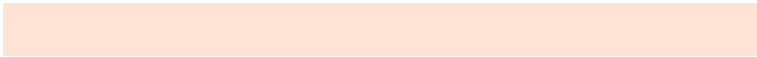


# Sweetspot

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



FCA375



FFE4D6



FC75CF



807067



000000



808080



# Same Dimension

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



FCA375



FF935C



FCE675



7D7570



BD4000

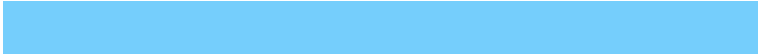


3D1500



# Inverse Universe

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



75CEFC



5CC7FF



758CFC



70797D



007CBD



00283D



# Previews

## White Background



This preview shows how the Hex color FCA375 looks on a white background.

## Color Contrast Check

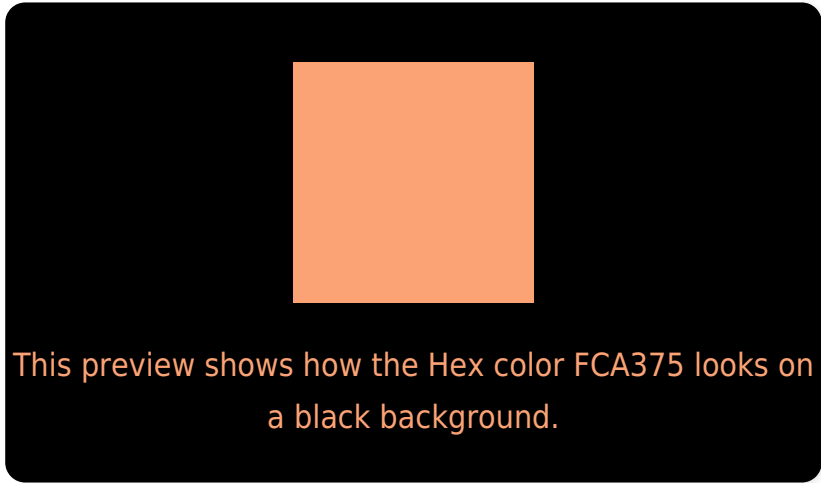
Large Text (above 18pt) WCAG AA × Fail

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

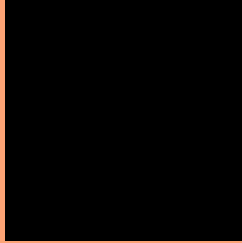
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FCA375 Background



This preview shows how black text looks on a background with the Hex color FCA375.

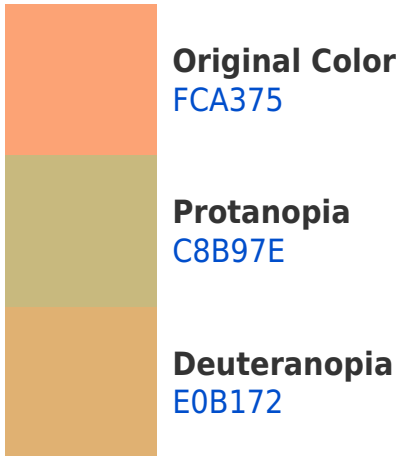


This preview shows how white text looks on a background with the Hex color FCA375.

# 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**  
FF9DA8

# Trichromacy



**Original Color**  
FCA375

**Protanomaly**  
DBB17B

**Deuteranomaly**  
EAAC73

**Tritanomaly**  
FE9F95

# Monochromacy



**Original Color**  
FCA375

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
D1B0A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCA375 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 #FCA375 looks like.

```
.text, #text, p{  
    color:#FCA375  
}
```

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 #FCA375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCA375  
}
```

## Border

The CSS property to change the border of an element to Hex FCA375 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  
#FCA375 }
```

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

```
.border{ border-color:#FCA375 }
```

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

Here you see how a box with a 4 pixel #FCA375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCA375; -webkit-box-shadow:4px 4px  
4px 4px #FCA375; box-shadow:4px 4px 4px  
4px #FCA375 }
```

# Background

The CSS property to change the background color of an element to Hex FCA375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCA375 }
```

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

```
.background{ background-color:#FCA375 }
```

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