

# Converting Colors

Hex(FC973F)

Have a look what the booklet for  
Hex(FC973F) contains.

<b>Hex(FC973F)</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(FC973F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC973F
RGB	252, 151, 63
RGB Percent	99%, 59%, 25%
CMY	0.0118, 0.4078, 0.7529
CMYK	0.00, 0.40, 0.75, 0.01
HSL	28°, 97%, 62%
HSV	28°, 75%, 99%
XYZ	52.1087, 43.1875, 10.2922
YIQ	171.1670, 88.4440, -5.9560

# Conversions

## Conversions Part 2

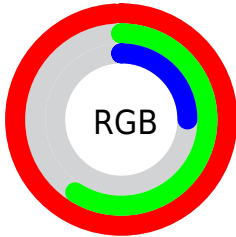
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 228, 63
Decimal	16553791
CIE <sub>Lab</sub>	71.68, 31.28, 60.07
CIE <sub>LCh</sub>	72, 67.728, 62.490
Yxy	43.1875, 0.4935, 0.4090
Android (android.graphics.Color)	4294743871 (0xFFFC973F)
YUV	171.1670, -53.3263, 70.8905
Hunter-Lab	65.7172, 26.5316, 36.7164

# Details

The Hex color **FC973F** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3FA4FC**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFCE74**, and **BE6300** is the 20% darker color. If you saturate the color by 10%, you get **FC8A26**, and if you desaturate by 10%, it is **FCA458**.

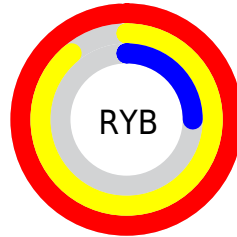
# Distribution



Red (99%)

Green (59%)

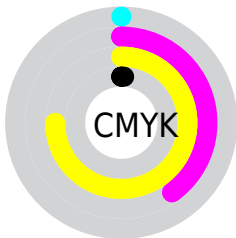
Blue (25%)



Red (99%)

Yellow (89%)

Blue (25%)

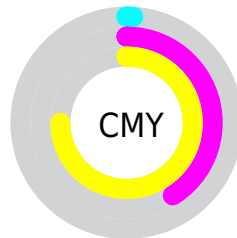


Cyan (0%)

Magenta (40%)

Yellow (75%)

Black (1%)



Cyan (1%)

Magenta (41%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC973F 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 FC973F by changing the saturation by 10% instead.



 FC973F

 FC973F

FFFFFF

 DD7D24

 FFCE74

 BE6300

 FFEA8E

 9F4A00

 FFFFAA

 813200

 FFFF66

 641B00

 FFFF33

 470100

 2E0000

 000000

 FC973F

 FC973F

 FC8A26

 FCA458

 FC7C0D

 FCB271

 FC7500

 FCBF8B

 FCCDA4

 FCDABD

 FCE8D6

 FCF5EF

 FCFFFF

# Harmonies

## Analogous

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



FF7F71



FC973F



CBAE24

# Triad

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



FC973F



00CDB3



B79DFE

# Complementary

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



FC973F



3FA4FC

# 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.



00B5FF



FC973F



00CCF0

# Square

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



FC973F



1AC974



00C5FF



FE83EA

# Rectangle

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



FC973F



A3BA31



00C5FF



94A6FF



# Sweetspot

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



FC973F



FFE0C4



FC3FA7



806C5C



000000



808080



# Same Dimension

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



FC973F



FF8419



FCF33F



7D7670



BD5800



3D1C00



# Inverse Universe

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



3FA4FC



1994FF



3F48FC



70777D



0065BD



00213D



# Previews

## White Background



This preview shows how the Hex color FC973F looks on a white background.

## Color Contrast Check

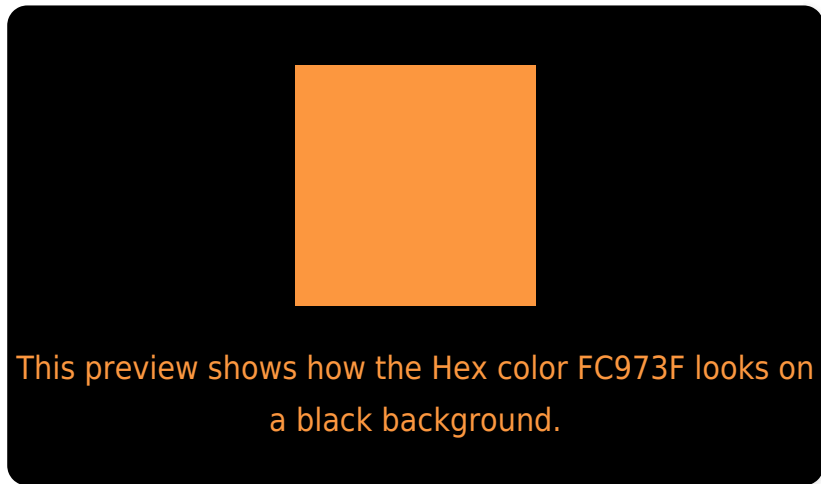
Large Text (above 18pt) WCAG AA × Fail

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 FC973F Background



This preview shows how black text looks on a background with the Hex color FC973F.

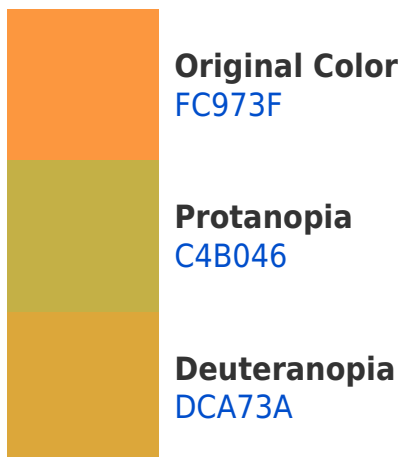


This preview shows how white text looks on a background with the Hex color FC973F.

# 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**  
FF8F99

# Trichromacy



**Original Color**  
FC973F

**Protanomaly**  
D8A743

**Deuteranomaly**  
E8A13C

**Tritanomaly**  
FE9278

# Monochromacy



**Original Color**  
FC973F

**Achromatopsia**  
ABABAB

**Achromatomaly**  
C8A484

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC973F 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 #FC973F looks like.

```
.text, #text, p{  
    color:#FC973F  
}
```

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 #FC973F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC973F
}
```

## Border

The CSS property to change the border of an element to Hex FC973F 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
#FC973F }
```

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

```
.border{ border-color:#FC973F }
```

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

Here you see how a box with a 4 pixel #FC973F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC973F; -webkit-box-shadow:4px 4px  
4px 4px #FC973F; box-shadow:4px 4px 4px  
4px #FC973F }
```

# Background

The CSS property to change the background color of an element to Hex FC973F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC973F }
```

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

```
.background{ background-color:#FC973F }
```

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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