

Converting Colors

Hex(F9973F)

Have a look what the booklet for
Hex(F9973F) contains.

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Color

Hex(F9973F)

Conversions

Conversions Part 1

Format	Color
Hex	F9973F
RGB	249, 151, 63
RGB Percent	98%, 59%, 25%
CMY	0.0235, 0.4078, 0.7529
CMYK	0.00, 0.39, 0.75, 0.02
HSL	28°, 94%, 61%
HSV	28°, 75%, 98%
XYZ	51.0307, 42.6318, 10.2418
YIQ	170.2700, 86.6560, -6.5920

Conversions

Conversions Part 2

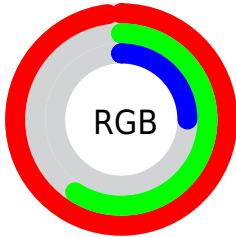
Format	Color
R _Y B	249, 230, 63
Decimal	16357183
CIE Lab	71.30, 30.07, 59.57
CIE LCh	71, 66.727, 63.215
Yxy	42.6318, 0.4911, 0.4103
Android (android.graphics.Color)	4294547263 (0xFFFF9973F)
YUV	170.2700, -52.8841, 69.0462
Hunter-Lab	65.2931, 25.2464, 36.4050

Details

The Hex color **F9973F** 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 **3FA1F9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFCE74**, and **BB6300** is the 20% darker color. If you saturate the color by 10%, you get **F98A26**, and if you desaturate by 10%, it is **F9A458**.

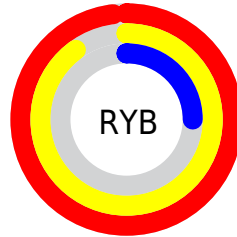
Distribution



Red (98%)

Green (59%)

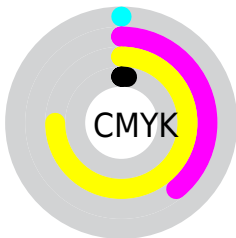
Blue (25%)



Red (98%)

Yellow (90%)

Blue (25%)

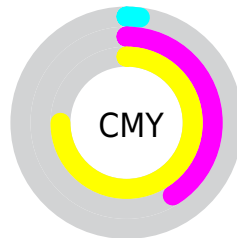


Cyan (0%)

Magenta (39%)

Yellow (75%)

Black (2%)



Cyan (2%)

Magenta (41%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9973F 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 F9973F by changing the saturation by 10% instead.

 F9973F

 F9973F

FFFFFF

 DA7D24

 FFCE74

 BB6300


 FFEA8E

 9C4B00

 FFFFAA

 7F3300

 FFFFC6

 611B00

 FFFFEE

 450200

 2D0001

 000000

 F9973F

 F9973F

 F98A26

 F9A458

 F97D0D

 F9B171

 F97600

 F9BE8A

 F9CBA3

 F9D9BC

 F9E6D4

 F9F3ED

 F9FFFF

Harmonies

Analogous

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



FF7F6F



F9973F



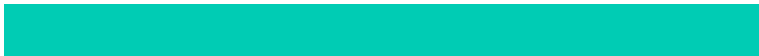
C8AE27

Triad

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



F9973F



00CCB4



B99CFF

Complementary

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



F9973F



3FA1F9

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.



08B3FF



F9973F



00CBF0

Square

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



F9973F



18C875



00C3FF



FD82E7

Rectangle

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



F9973F



A0B933



00C3FF



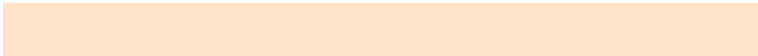
97A4FF

Sweetspot

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



F9973F



FFE1C7



F93FA2



806E5E



000000



808080

Same Dimension

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



F9973F



FF8619



F9F33F



7D7670



BD5900



3D1D00

Inverse Universe

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



3FA1F9



1992FF



3F45F9



70777D



0063BD



00203D

Previews

White Background



This preview shows how the Hex color F9973F looks on a white background.

Color Contrast Check

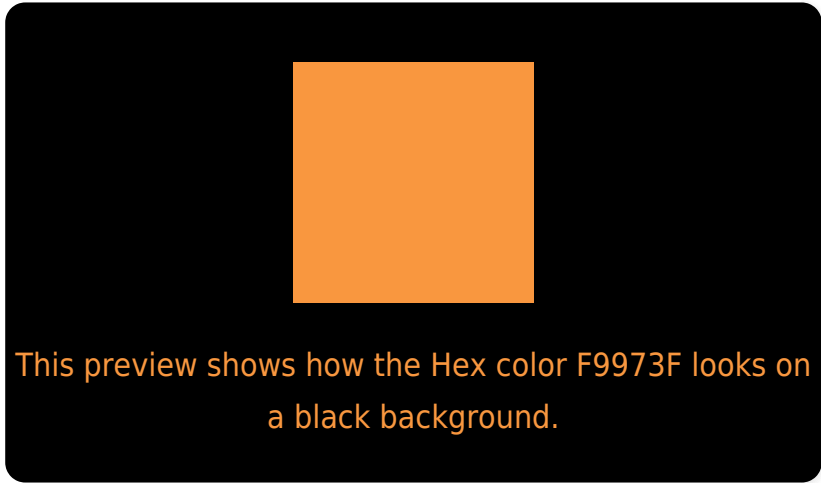
Large Text (above 18pt) WCAG AA × Fail

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 F9973F Background



This preview shows how black text looks on a background with the Hex color F9973F.



This preview shows how white text looks on a background with the Hex color F9973F.

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
F9973F

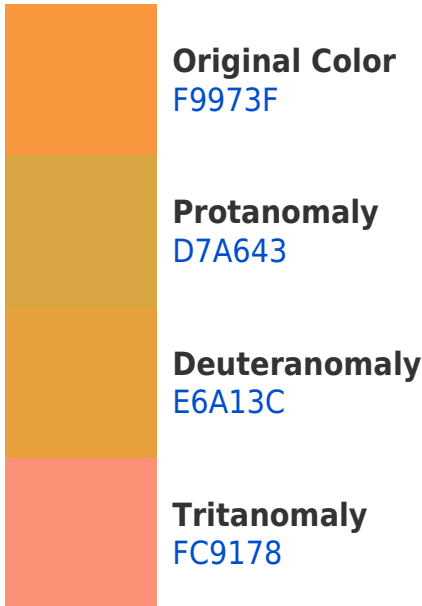
Protanopia
C3AF46

Deuteranopia
DBA63A

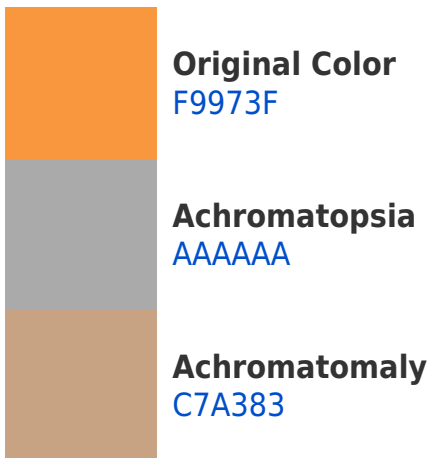


Tritanopia
FE8E98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F9973F 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 #F9973F looks like.

```
.text, #text, p{  
    color:#F9973F  
}
```

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 #F9973F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9973F
}
```

Border

The CSS property to change the border of an element to Hex F9973F 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
#F9973F }
```

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

```
.border{ border-color:#F9973F }
```

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

Here you see how a box with a 4 pixel #F9973F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9973F; -webkit-box-shadow:4px 4px  
4px 4px #F9973F; box-shadow:4px 4px 4px  
4px #F9973F }
```

Background

The CSS property to change the background color of an element to Hex F9973F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9973F }
```

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

```
.background{ background-color:#F9973F }
```

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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