

# Converting Colors

Hex(FC9751)

Have a look what the booklet for  
Hex(FC9751) contains.

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# **Color**

**Hex(FC9751)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FC9751                     |
| RGB         | 252, 151, 81               |
| RGB Percent | 99%, 59%, 32%              |
| CMY         | 0.0118, 0.4078, 0.6824     |
| CMYK        | 0.00, 0.40, 0.68, 0.01     |
| HSL         | 25°, 97%, 65%              |
| HSV         | 25°, 68%, 99%              |
| XYZ         | 52.6967, 43.4227, 13.3886  |
| YIQ         | 173.2190, 82.6660, -0.3580 |

# Conversions

## Conversions Part 2

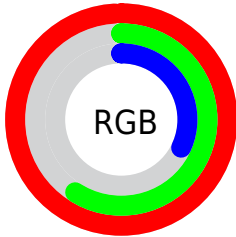
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 252, 200, 81                   |
| Decimal                             | 16553809                       |
| CIELab                              | 71.84, 32.13, 52.00            |
| CIELCh                              | 72, 61.123, 58.285             |
| Yxy                                 | 43.4227, 0.4812,<br>0.3965     |
| Android<br>(android.graphics.Color) | 4294743889<br>(0xFFFC9751)     |
| YUV                                 | 173.2190, -45.4640,<br>69.0909 |
| Hunter-Lab                          | 65.8959, 27.4278,<br>34.0807   |

# Details

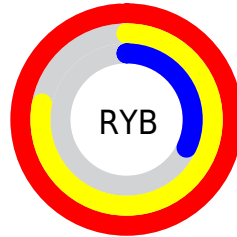
The Hex color **FC9751** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **51B6FC**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCE85**, and **BE631E** is the 20% darker color. If you saturate the color by 10%, you get **FC8838**, and if you desaturate by 10%, it is **FCA66A**.

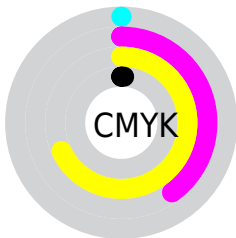
# Distribution



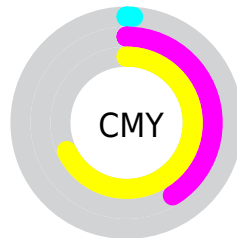
- Red (99%)
- Green (59%)
- Blue (32%)



- Red (99%)
- Yellow (78%)
- Blue (32%)



- Cyan (0%)
- Magenta (40%)
- Yellow (68%)
- Black (1%)



- Cyan (1%)
- Magenta (41%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC9751 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 FC9751 by changing the saturation by 10% instead.



 FC9751

 FC9751

FFFFFF

 DD7D38

 FFCE85

 BE631E

 FFEAA0

 A04A00

 FFFFBB

 823200

 FFFFD7

 651A00

 FFFFF4

 480000

 2F0000

 000000

 FC9751

 FC9751

 FC8838

 FCA66A

 FC791F

 FCB583

 FC6A05

 FCC49D

 FC6700

 FCD3B6

 FCE1CF

 FCF0E8

 FCFFFF

# Harmonies

## Analogous

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



FF847E



FC9751



D1AC39

# Triad

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



FC9751



00CBAB



ACA3FF

# Complementary

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



FC9751



51B6FC

# 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.



00B7FF



FC9751



00CBE3

# Square

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



FC9751



4EC673



00C5FF



F18CEC

# Rectangle

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



FC9751



AEB83E



00C5FF



8BAAFF

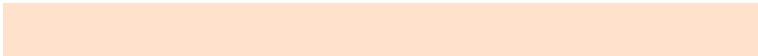


# Sweetspot

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



FC9751



FFE1CC



FC51B8



806D61



000000



808080



# Same Dimension

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



FC9751



FF8530



FCEB51



7D7670



BD4D00



3D1900



# Inverse Universe

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



51B6FC



30AAFF



5162FC



70787D



006FBD



00243D



# Previews

## White Background



This preview shows how the Hex color FC9751 looks on a white background.

## Color Contrast Check

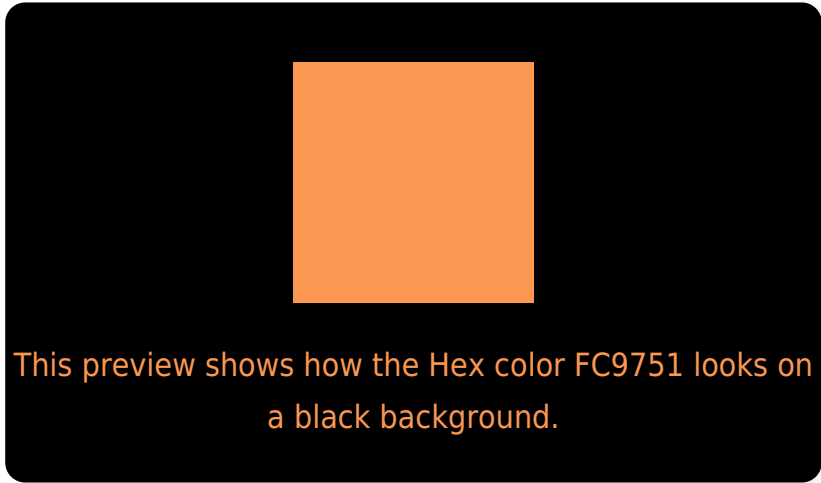
Large Text (above 18pt) WCAG AA × Fail

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 FC9751 Background



This preview shows how black text looks on a background with the Hex color FC9751.



This preview shows how white text looks on a background with the Hex color FC9751.

# 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**  
FC9751

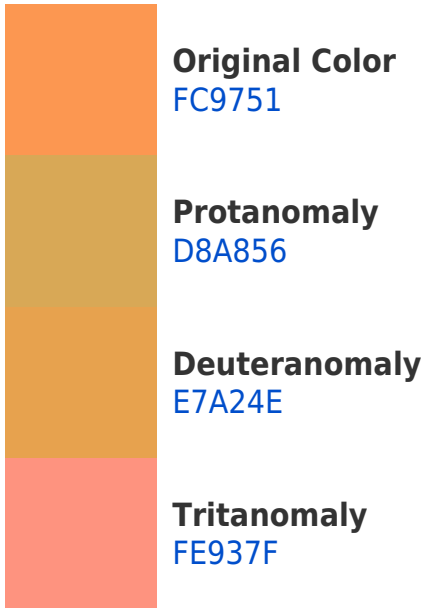
**Protanopia**  
C3B159

**Deuteranopia**  
DBA84D

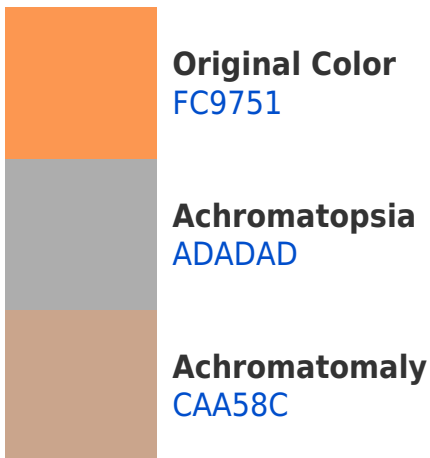


**Tritanopia**  
FF909A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC9751 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 #FC9751 looks like.

```
.text, #text, p{  
    color:#FC9751  
}
```

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 #FC9751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC9751
}
```

## Border

The CSS property to change the border of an element to Hex FC9751 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
#FC9751 }
```

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

```
.border{ border-color:#FC9751 }
```

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

Here you see how a box with a 4 pixel #FC9751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC9751; -webkit-box-shadow:4px 4px  
4px 4px #FC9751; box-shadow:4px 4px 4px  
4px #FC9751 }
```

# Background

The CSS property to change the background color of an element to Hex FC9751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC9751 }
```

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

```
.background{ background-color:#FC9751 }
```

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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