

# Converting Colors

Hex(FC9676)

Have a look what the booklet for  
Hex(FC9676) contains.

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# **Color**

**Hex(FC9676)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FC9676
RGB	252, 150, 118
RGB Percent	99%, 59%, 46%
CMY	0.0118, 0.4118, 0.5373
CMYK	0.00, 0.40, 0.53, 0.01
HSL	14°, 96%, 73%
HSV	14°, 53%, 99%
XYZ	54.3212, 43.8161, 22.7339
YIQ	176.8500, 71.0640, 11.6720

# Conversions

## Conversions Part 2

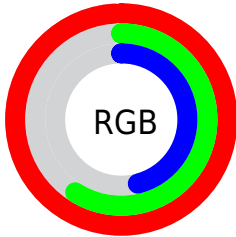
Format	Color
<a href="#">RYB</a>	<a href="#">252, 160, 118</a>
Decimal	<a href="#">16553590</a>
CIELab	<a href="#">72.11, 35.17, 33.26</a>
CIELCh	<a href="#">72, 48.404, 43.397</a>
Yxy	<a href="#">43.8161, 0.4494, 0.3625</a>
Android (android.graphics.Color)	<a href="#">4294743670</a> ( <a href="#">0xFFFC9676</a> )
YUV	<a href="#">176.8500, -29.0130, 65.9066</a>
Hunter-Lab	<a href="#">66.1938, 30.6451, 25.9728</a>

# Details

The Hex color **FC9676** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **76DCFC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFCDAB**, and **BF6245** is the 20% darker color. If you saturate the color by 10%, you get **FC835D**, and if you desaturate by 10%, it is **FCA98F**.

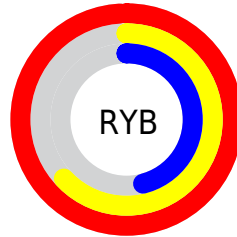
# Distribution



Red (99%)

Green (59%)

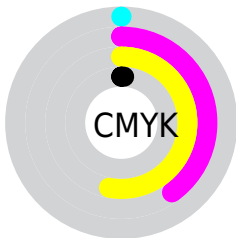
Blue (46%)



Red (99%)

Yellow (63%)

Blue (46%)

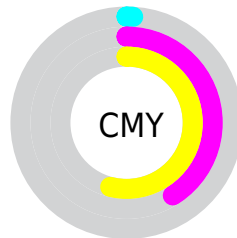


Cyan (0%)

Magenta (40%)

Yellow (53%)

Black (1%)



Cyan (1%)

Magenta (41%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC9676 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 FC9676 by changing the saturation by 10% instead.



 FC9676

 FC9676

FFFFFF

 DD7B5D

 FFCDAB

 BF6245

 FFEAC6

 A2492E


 FFFFE2

 853018

 681600

 4C0000

 320000

 030000

 000000

 FC9676

 FC9676

 FC835D

 FCA98F

 FC7044

 FCBCA8

 FC5C2A

 FCD0C2

 FC4911

 FCE3DB

 FC3C00

 FCF6F4

 FCFFFF

# Harmonies

## Analogous

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



FF8D9E



FC9676



E1A65B

# Triad

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



FC9676



46C696



8DAFFF

# Complementary

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



FC9676



76DCFC

# 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.



0FBCFF



FC9676



00C8C4

# Square

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



FC9676



87C06E



00C5EC



CE9EF1

# Rectangle

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



FC9676



C7B056



00C5EC



70B4FF

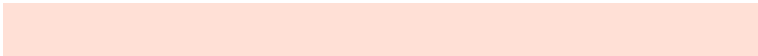


# Sweetspot

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



FC9676



FFE0D6



FC76DD



806D67



000000



808080



# Same Dimension

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



FC9676



FF835C



FCD876



7D7370



BD2D00



3D0F00

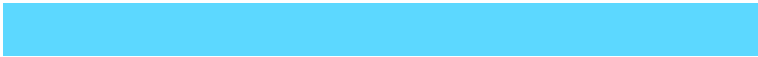


# Inverse Universe

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



76DCFC



5CD8FF



769AFC



707A7D



0090BD



002F3D



# Previews

## White Background



This preview shows how the Hex color FC9676 looks on a white background.

## Color Contrast Check

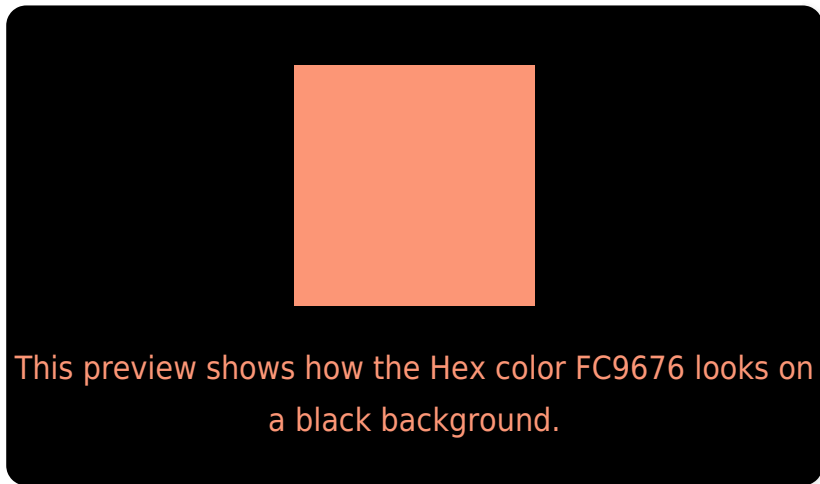
Large Text (above 18pt) WCAG AA × Fail

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 FC9676 Background



This preview shows how black text looks on a background with the Hex color FC9676.

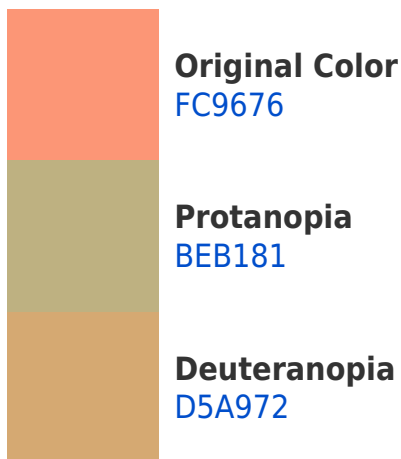


This preview shows how white text looks on a background with the Hex color FC9676.

# 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



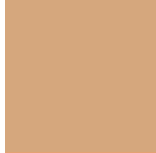


**Tritanopia**  
FF919C

# Trichromacy



**Original Color**  
FC9676



**Protanomaly**  
D5A77D



**Deuteranomaly**  
E3A273

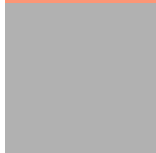


**Tritanomaly**  
FE938E

# Monochromacy



**Original Color**  
FC9676



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
CCA79C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC9676 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 #FC9676 looks like.

```
.text, #text, p{  
    color:#FC9676  
}
```

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 #FC9676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC9676
}
```

## Border

The CSS property to change the border of an element to Hex FC9676 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
#FC9676 }
```

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

```
.border{ border-color:#FC9676 }
```

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

Here you see how a box with a 4 pixel #FC9676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC9676; -webkit-box-shadow:4px 4px  
4px 4px #FC9676; box-shadow:4px 4px 4px  
4px #FC9676 }
```

# Background

The CSS property to change the background color of an element to Hex FC9676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC9676 }
```

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

```
.background{ background-color:#FC9676 }
```

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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