

# Converting Colors

Hex(FF976B)

Have a look what the booklet for  
Hex(FF976B) contains.

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# **Color**

**Hex(FE976B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF976B
RGB	255, 151, 107
RGB Percent	100%, 59%, 42%
CMY	0.0000, 0.4078, 0.5804
CMYK	0.00, 0.41, 0.58, 0.00
HSL	18°, 100%, 71%
HSV	18°, 58%, 100%
XYZ	54.9605, 44.4548, 19.5938
YIQ	177.0800, 76.1080, 8.3640

# Conversions

## Conversions Part 2

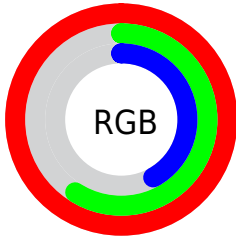
Format	Color
R <sub>Y</sub> B	255, 170, 107
Decimal	16750443
CIE Lab	72.53, 34.96, 39.73
CIE LCh	73, 52.915, 48.655
Yxy	44.4548, 0.4618, 0.3735
Android (android.graphics.Color)	4294940523 (0xFFFF976B)
YUV	177.0800, -34.5494, 68.3358
Hunter-Lab	66.6744, 30.4593, 29.2483

# Details

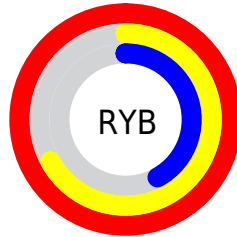
The Hex color **FF976B** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6BD3FF**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFCE9F**, and **C2633A** is the 20% darker color. If you saturate the color by 10%, you get **FF8552**, and if you desaturate by 10%, it is **FFA985**.

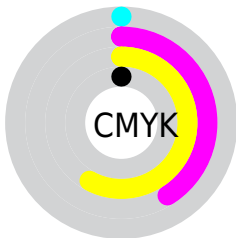
# Distribution



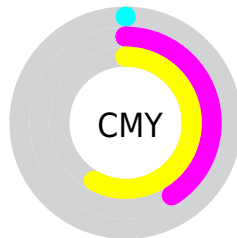
- Red (100%)
- Green (59%)
- Blue (42%)



- Red (100%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (41%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF976B 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 FF976B by changing the saturation by 10% instead.



 FF976B

 FF976B

FFFFFF

 E07C52

 FFCE9F

 C2633A

 FFEBBA

 A44A23

 FFFFD6

 86310B

 FFFFF3

 6A1800

 4D0000

 330000

 070000

 000000

■ FF976B

■ FF976B

■ FF8552

■ FFA985

■ FF7338

■ FFBB9E

■ FF611F

■ FFCDB8

■ FF4F05

■ FFDFD1

■ FF4C00

■ FFF1EB

FFFFFF

# Harmonies

## Analogous

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



FF8A96



FF976B



DEA951

# Triad

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



FF976B



0FC99D



97ACFF

# Complementary

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



FF976B



6BD3FF

# 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.



00BCFF



FF976B



00CACF

# Square

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



FF976B



79C370



00C6F9



DB99F2

# Rectangle

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



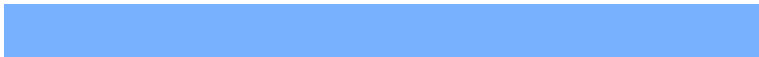
FF976B



C1B44E



00C6F9



78B2FF

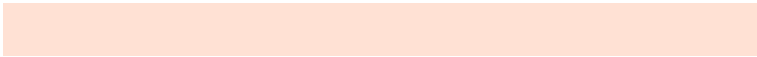


# Sweetspot

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



FF976B



FFE1D4



FF6BD5



806E66



000000



808080



# Same Dimension

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



FF976B



FF824D



FFDF6B



807773



BF3900



401300



# Inverse Universe

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



6BD3FF



4DCAFF



6B8BFF



737C80



0086BF



002D40



# Previews

## White Background



This preview shows how the Hex color FF976B looks on a white background.

## Color Contrast Check

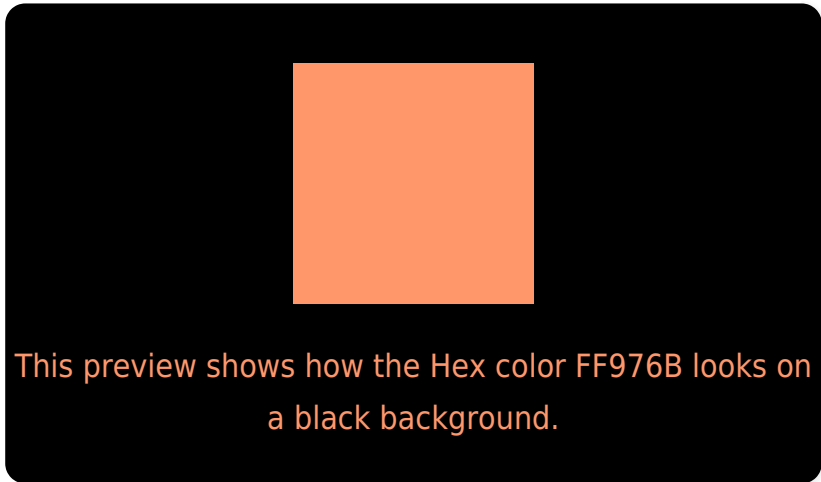
Large Text (above 18pt) WCAG AA × Fail

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

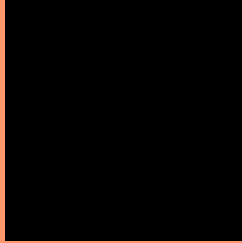
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex FF976B Background



This preview shows how black text looks on a background with the Hex color FF976B.

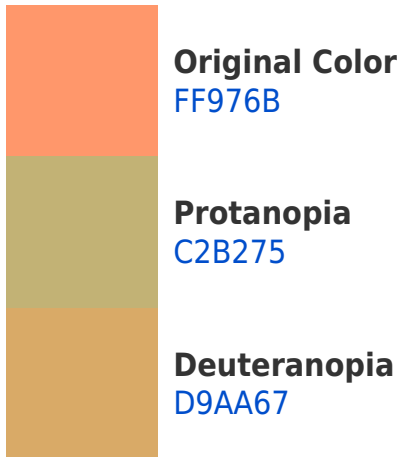


This preview shows how white text looks on a background with the Hex color FF976B.

# 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**  
FF939D

# Trichromacy



**Original Color**  
FF976B



**Protanomaly**  
D8A871



**Deuteranomaly**  
E7A368

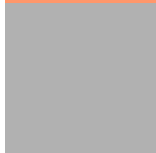


**Tritanomaly**  
FF948B

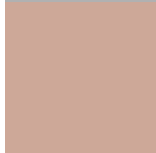
# Monochromacy



**Original Color**  
FF976B



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
CDA898

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF976B 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 #FF976B looks like.

```
.text, #text, p{  
    color:#FF976B  
}
```

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 #FF976B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF976B
}
```

## Border

The CSS property to change the border of an element to Hex FF976B 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
#FF976B }
```

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

```
.border{ border-color:#FF976B }
```

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

Here you see how a box with a 4 pixel #FF976B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF976B; -webkit-box-shadow:4px 4px  
4px 4px #FF976B; box-shadow:4px 4px 4px  
4px #FF976B }
```

# Background

The CSS property to change the background color of an element to Hex FF976B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF976B }
```

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

```
.background{ background-color:#FF976B }
```

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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