

# Converting Colors

Hex(FF7E6B)

Have a look what the booklet for  
Hex(FF7E6B) contains.

<b>Hex(FF7E6B)</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(F77E6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7E6B
RGB	255, 126, 107
RGB Percent	100%, 49%, 42%
CMY	0.0000, 0.5059, 0.5804
CMYK	0.00, 0.51, 0.58, 0.00
HSL	8°, 100%, 71%
HSV	8°, 58%, 100%
XYZ	51.3547, 37.2432, 18.3919
YIQ	162.4050, 82.9830, 21.4390

# Conversions

## Conversions Part 2

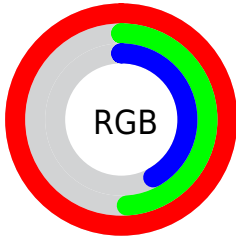
Format	Color
<a href="#">RYB</a>	<a href="#">255, 129, 107</a>
Decimal	<a href="#">16744043</a>
<a href="#">CIELab</a>	<a href="#">67.46, 47.50, 33.34</a>
<a href="#">CIElCh</a>	<a href="#">67, 58.034, 35.062</a>
<a href="#">Yxy</a>	<a href="#">37.2432, 0.4800, 0.3481</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294934123 (0xFFFF7E6B)</a>
<a href="#">YUV</a>	<a href="#">162.4050, -27.3147, 81.2058</a>
<a href="#">Hunter-Lab</a>	<a href="#">61.0272, 43.4109, 24.8507</a>

# Details

The Hex color **FF7E6B** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **6BECFF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFB59F**, and **C1493B** is the 20% darker color. If you saturate the color by 10%, you get **FF6852**, and if you desaturate by 10%, it is **FF9485**.

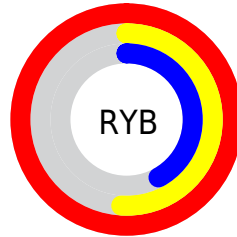
# Distribution



Red (100%)

Green (49%)

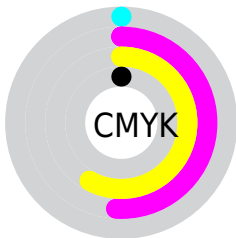
Blue (42%)



Red (100%)

Yellow (51%)

Blue (42%)

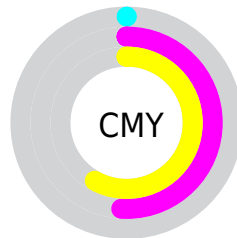


Cyan (0%)

Magenta (51%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7E6B 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 FF7E6B by changing the saturation by 10% instead.



 FF7E6B

 FF7E6B

FFFFFF

 E06353

 FFB59F

 C1493B

 FFD2BA

 A32D25

 FFEFD5

 850C10

 FFFFF2

 670000

 4A0000

 2F0002

 000000

 FF7E6B

 FF7E6B

 FF6852

 FF9485

 FF5238

 FFAA9E

 FF3B1F

 FFC1B8

 FF2505

 FFD7D1

 FF2100

 FFEDEB

FFFFFF

# Harmonies

## Analogous

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



FF759D



FF7E6B



E49144

# Triad

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



FF7E6B



2CBB76



49A7FF

# Complementary

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



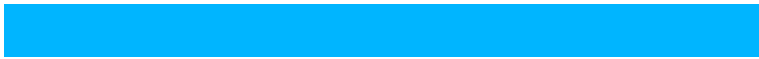
FF7E6B



6BECFF

# 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



FF7E6B



00BEAC

# Square

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



FF7E6B



82B24A



00BCDF



B393FA

# Rectangle

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



FF7E6B



C89F36



00BCDF



00ADFF



# Sweetspot

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



FF7E6B



FFD9D4



FF6BEE



806966



000000



808080



# Same Dimension

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



FF7E6B



FF634D



FFC66B



807473



BF1900



400800



# Inverse Universe

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



6BECFF



4DE8FF



6BA4FF



737E80



00A7BF



003840



# Previews

## White Background



This preview shows how the Hex color FF7E6B looks on a white background.

## Color Contrast Check

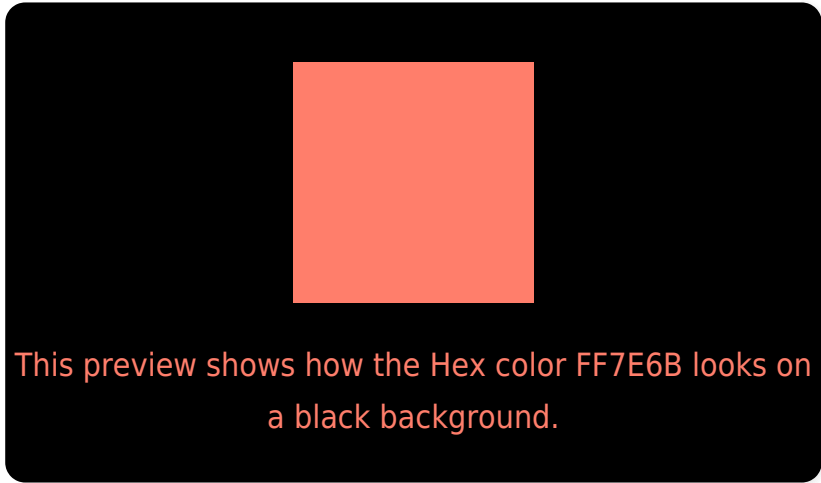
Large Text (above 18pt) WCAG AA × Fail

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 FF7E6B Background



This preview shows how black text looks on a background with the Hex color FF7E6B.

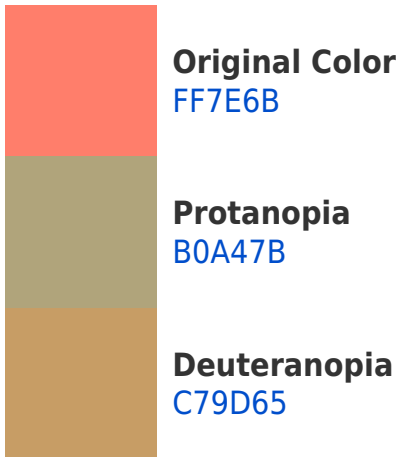


This preview shows how white text looks on a background with the Hex color FF7E6B.

# 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**  
FF7C84

# Trichromacy



**Original Color**  
FF7E6B

**Protanomaly**  
CD9675

**Deuteranomaly**  
DB9267

**Tritanomaly**  
FF7D7B

# Monochromacy



**Original Color**  
FF7E6B

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
C4958E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7E6B 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 #FF7E6B looks like.

```
.text, #text, p{  
    color:#FF7E6B  
}
```

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 #FF7E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7E6B
}
```

## Border

The CSS property to change the border of an element to Hex FF7E6B 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
#FF7E6B }
```

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

```
.border{ border-color:#FF7E6B }
```

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

Here you see how a box with a 4 pixel #FF7E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7E6B; -webkit-box-shadow:4px 4px  
4px 4px #FF7E6B; box-shadow:4px 4px 4px  
4px #FF7E6B }
```

# Background

The CSS property to change the background color of an element to Hex FF7E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7E6B }
```

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

```
.background{ background-color:#FF7E6B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor