

# Converting Colors

Hex(FF8070)

Have a look what the booklet for  
Hex(FF8070) contains.

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# **Color**

**Hex(F8070)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8070
RGB	255, 128, 112
RGB Percent	100%, 50%, 44%
CMY	0.0000, 0.4980, 0.5608
CMYK	0.00, 0.50, 0.56, 0.00
HSL	7°, 100%, 72%
HSV	7°, 56%, 100%
XYZ	51.8838, 37.8682, 19.9039
YIQ	164.1490, 80.8280, 21.9480

# Conversions

## Conversions Part 2

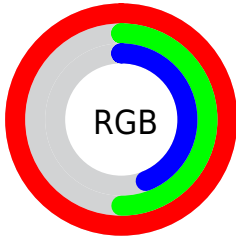
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 130, 112
Decimal	16744560
CIE <sub>Lab</sub>	67.92, 46.90, 31.19
CIE <sub>LCh</sub>	68, 56.320, 33.626
Yxy	37.8682, 0.4732, 0.3453
Android (android.graphics.Color)	4294934640 (0xFFFF8070)
YUV	164.1490, -25.7095, 79.6763
Hunter-Lab	61.5371, 42.8087, 23.8989

# Details

The Hex color **FF8070** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **70EFFF**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFB7A4**, and **C14B40** is the 20% darker color. If you saturate the color by 10%, you get **FF6957**, and if you desaturate by 10%, it is **FF978A**.

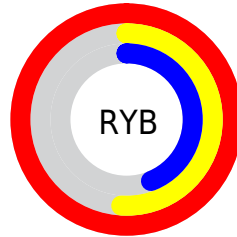
# Distribution



Red (100%)

Green (50%)

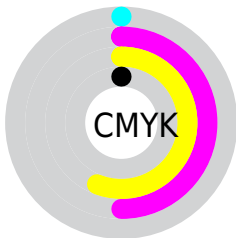
Blue (44%)



Red (100%)

Yellow (51%)

Blue (44%)

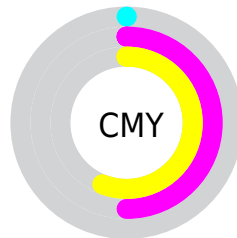


Cyan (0%)

Magenta (50%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (50%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF8070 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 FF8070 by changing the saturation by 10% instead.



 FF8070

 FF8070

FFFFFF

 E06557

 FFB7A4

 C14B40

 FFD4BF

 A3302A

 FFF1DB

 851014

 FFFFF8

 680000

 4B0000

 300002

 000000

 FF8070

 FF8070

■ FF6957

■ FF978A

■ FF533D

■ FFADA3

■ FF3C23

■ FFC4BD

■ FF250A

■ FFDBD6

■ FF1D00

■ FFF1F0

FFFFFF

# Harmonies

## Analogous

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



FF78A1



FF8070



E5924A

# Triad

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



FF8070



3CBB76



4AA9FF

# Complementary

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



FF8070



70EFFF

# 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



FF8070



00BFAA

# Square

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



FF8070



88B34C



00BDDC



B096FA

# Rectangle

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



FF8070



CB9F3B



00BDDC



00AEFF

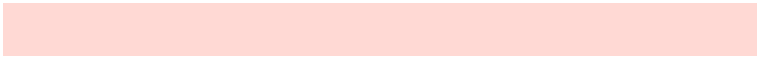


# Sweetspot

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



FF8070



FFD9D4



FF70F1



806966



000000



808080



# Same Dimension

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



FF8070



FF6754



FFC670



807473



BF1500



400700



# Inverse Universe

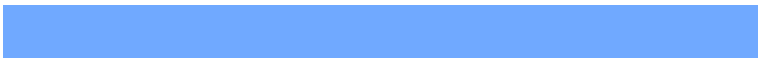
The Inverse Universe completely reimagines the original color for something new.



70EFFF



54ECFF



70A9FF



737E80



00AABF



003940



# Previews

## White Background



This preview shows how the Hex color FF8070 looks on a white background.

## Color Contrast Check

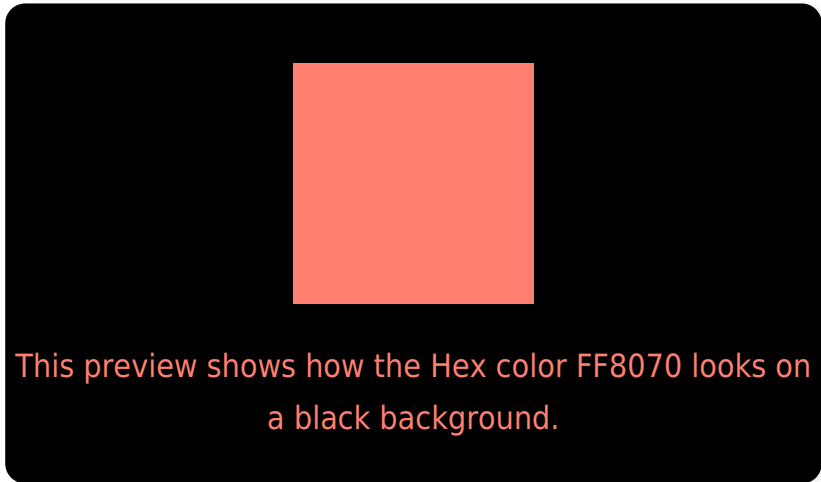
Large Text (above 18pt) WCAG AA × Fail

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 FF8070 Background



This preview shows how black text looks on a background with the Hex color FF8070.

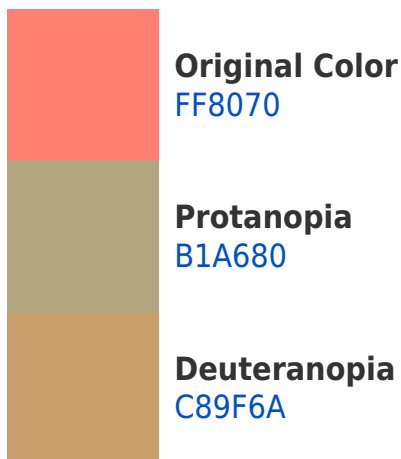


This preview shows how white text looks on a background with the Hex color FF8070.

# 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



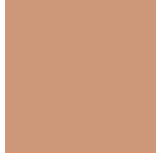


**Tritanopia**  
FF7E86

# Trichromacy



**Original Color**  
FF8070



**Protanomaly**  
CD987A



**Deuteranomaly**  
DC946C

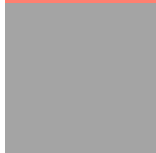


**Tritanomaly**  
FF7F7E

# Monochromacy



**Original Color**  
FF8070



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
C59791

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF8070 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 #FF8070 looks like.

```
.text, #text, p{  
    color:#FF8070  
}
```

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 #FF8070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8070
}
```

## Border

The CSS property to change the border of an element to Hex FF8070 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
#FF8070 }
```

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

```
.border{ border-color:#FF8070 }
```

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

Here you see how a box with a 4 pixel #FF8070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8070; -webkit-box-shadow:4px 4px  
4px 4px #FF8070; box-shadow:4px 4px 4px  
4px #FF8070 }
```

# Background

The CSS property to change the background color of an element to Hex FF8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8070 }
```

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

```
.background{ background-color:#FF8070 }
```

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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