

# Converting Colors

Hex(FB7771)

Have a look what the booklet for  
Hex(FB7771) contains.

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# **Color**

**Hex(FB7771)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB7771
RGB	251, 119, 113
RGB Percent	98%, 47%, 44%
CMY	0.0157, 0.5333, 0.5569
CMYK	0.00, 0.53, 0.55, 0.02
HSL	3°, 95%, 71%
HSV	3°, 55%, 98%
XYZ	49.3611, 34.8951, 19.7566
YIQ	157.7840, 80.5980, 26.1180

# Conversions

## Conversions Part 2

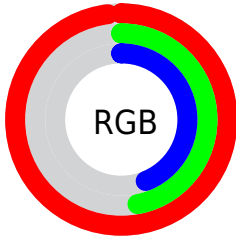
Format	Color
R <sub>Y</sub> B	251, 119, 113
Decimal	16480113
CIE Lab	65.67, 49.89, 27.58
CIE LCh	66, 57.004, 28.934
Yxy	34.8951, 0.4746, 0.3355
Android (android.graphics.Color)	4294670193 (0xFFFB7771)
YUV	157.7840, -22.0785, 81.7504
Hunter-Lab	59.0721, 45.7798, 21.5210

# Details

The Hex color **FB7771** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **71F5FB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFAEA5**, and **BD4141** is the 20% darker color. If you saturate the color by 10%, you get **FB5F58**, and if you desaturate by 10%, it is **FB8F8A**.

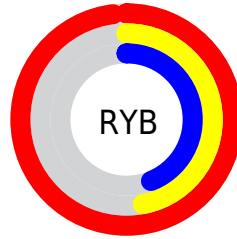
# Distribution



Red (98%)

Green (47%)

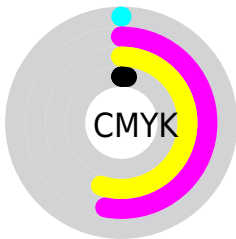
Blue (44%)



Red (98%)

Yellow (47%)

Blue (44%)

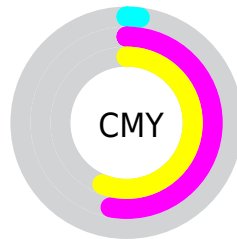


Cyan (0%)

Magenta (53%)

Yellow (55%)

Black (2%)



Cyan (2%)

Magenta (53%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB7771 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 FB7771 by changing the saturation by 10% instead.



 FB7771

 FB7771

FFFFFF

 DC5C58

 FFAEA5

 BD4141

 FFCBC0

 9F242B

 FFE7DC

 810016

 FFFFF8

 640000

 470000

 2C0001

 000000

 FB7771

 FB7771

 FB5F58

 FB8F8A

 FB473F

 FBA7A3

 FB2F26

 FBBFBC

 FB170D

 FBD7D5

 FB0B00

 FBEBEF

 FBFFFF

# Harmonies

## Analogous

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



FA71A3



FB7771



E48948

# Triad

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



FB7771



43B468



0CA6FF

# Complementary

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



FB7771



71F5FB

# 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.



00B2F6



FB7771



00B89C

# Square

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



FB7771



8AAB40



00B8CF



9E93F9

# Rectangle

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



FB7771



CB9636



00B8CF



00ABFF



# Sweetspot

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



FB7771



FFD8D6



FB71F6



806867



000000



808080



# Same Dimension

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



FB7771



FF5E57



FBBB71



7D7170



BD0800



3D0300



# Inverse Universe

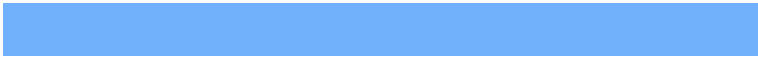
The Inverse Universe completely reimagines the original color for something new.



71F5FB



57F8FF



71B1FB



707C7D



00B4BD



003B3D



# Previews

## White Background



This preview shows how the Hex color FB7771 looks on a white background.

## Color Contrast Check

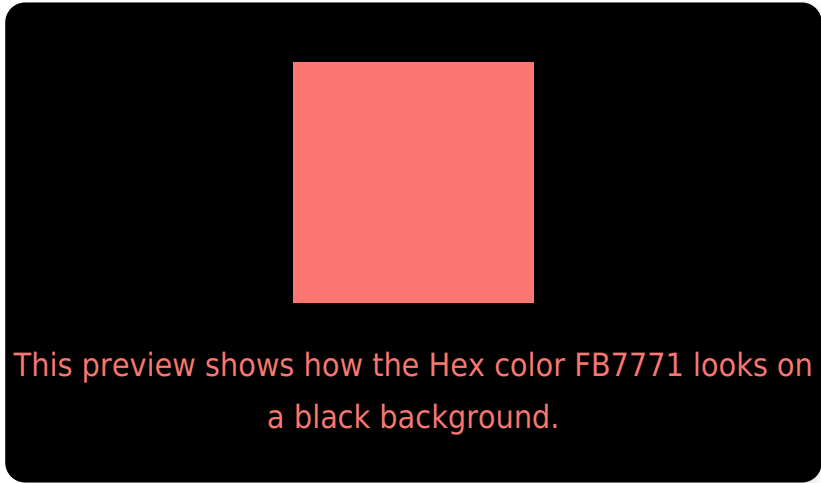
Large Text (above 18pt) WCAG AA × Fail

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 FB7771 Background



This preview shows how black text looks on a background with the Hex color FB7771.



This preview shows how white text looks on a background with the Hex color FB7771.

# 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**  
FB7771

**Protanopia**  
A9A083

**Deuteranopia**  
C0996B



# Trichromacy



**Original Color**  
FB7771



**Protanomaly**  
C7917C



**Deuteranomaly**  
D58D6D

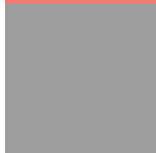


**Tritanomaly**  
FC7679

# Monochromacy



**Original Color**  
FB7771



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
C0908E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB7771 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 #FB7771 looks like.

```
.text, #text, p{  
    color:#FB7771  
}
```

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 #FB7771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB7771
}
```

## Border

The CSS property to change the border of an element to Hex FB7771 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
#FB7771 }
```

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

```
.border{ border-color:#FB7771 }
```

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

Here you see how a box with a 4 pixel #FB7771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB7771; -webkit-box-shadow:4px 4px  
4px 4px #FB7771; box-shadow:4px 4px 4px  
4px #FB7771 }
```

# Background

The CSS property to change the background color of an element to Hex FB7771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB7771 }
```

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

```
.background{ background-color:#FB7771 }
```

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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