

Converting Colors

Hex(FC7C4B)

Have a look what the booklet for
Hex(FC7C4B) contains.

Hex(FC7C4B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FC7C4B)

Conversions

Conversions Part 1

Format	Color
Hex	FC7C4B
RGB	252, 124, 75
RGB Percent	99%, 49%, 29%
CMY	0.0118, 0.5137, 0.7059
CMYK	0.00, 0.51, 0.70, 0.01
HSL	17°, 97%, 64%
HSV	17°, 70%, 99%
XYZ	48.6225, 35.6188, 10.9690
YIQ	156.6860, 92.0170, 11.8970

Conversions

Conversions Part 2

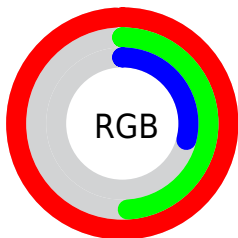
Format	Color
R _Y B	252, 143, 75
Decimal	16546891
CIE _{Lab}	66.23, 45.46, 48.71
CIE _{LCh}	66, 66.627, 46.979
Y _{xy}	35.6188, 0.5107, 0.3741
Android (android.graphics.Color)	4294736971 (0xFFFC7C4B)
YUV	156.6860, -40.2712, 83.5904
Hunter-Lab	59.6814, 40.9816, 30.8799

Details

The Hex color **FC7C4B** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **4BCBFC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB37E**, and **BD471A** is the 20% darker color. If you saturate the color by 10%, you get **FC6A32**, and if you desaturate by 10%, it is **FC8E64**.

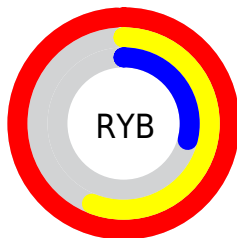
Distribution



Red (99%)

Green (49%)

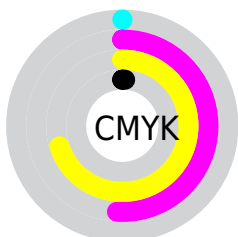
Blue (29%)



Red (99%)

Yellow (56%)

Blue (29%)

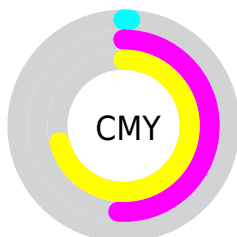


Cyan (0%)

Magenta (51%)

Yellow (70%)

Black (1%)



Cyan (1%)

Magenta (51%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC7C4B 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 FC7C4B by changing the saturation by 10% instead.

 FC7C4B

 FC7C4B

FFFFFF

 DC6133

 FFB37E

 BD471A

 FFCF98

 9E2C00

 FFECB3

 800C00

 FFFFCE

 620000

 FFFFEC

 450000

 2A0001

 000000

 FC7C4B

 FC7C4B

 FC6A32

 FC8E64

 FC5819

 FCA07D

 FC4600

 FCB397

 FCC5B0

 FCD7C9

 FCE9E2

 FCFCFB

 FCFFFF

Harmonies

Analogous

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



FF6882



FC7C4B



D5951F

Triad

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



FC7C4B



00BC84



6D9CFF

Complementary

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



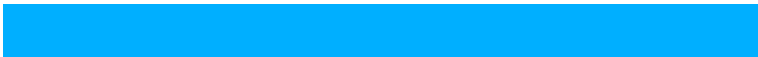
FC7C4B



4BCBFC

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.



00AFFF



FC7C4B



00BDC2

Square

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



FC7C4B



57B54A



00BAF7



CF82F3

Rectangle

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



FC7C4B



B2A314



00BAF7



23A3FF

Sweetspot

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



FC7C4B



FFD8C9



FC4BCD



806860



000000



808080

Same Dimension

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



FC7C4B



FF6429



FCD34B



7D7470



BD3400



3D1100

Inverse Universe

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



4BCBFC



29C4FF



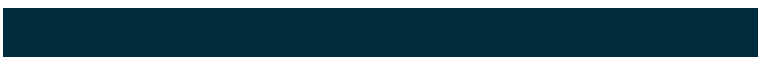
4B74FC



70797D



0088BD



002C3D

Previews

White Background



This preview shows how the Hex color FC7C4B looks on a white background.

Color Contrast Check

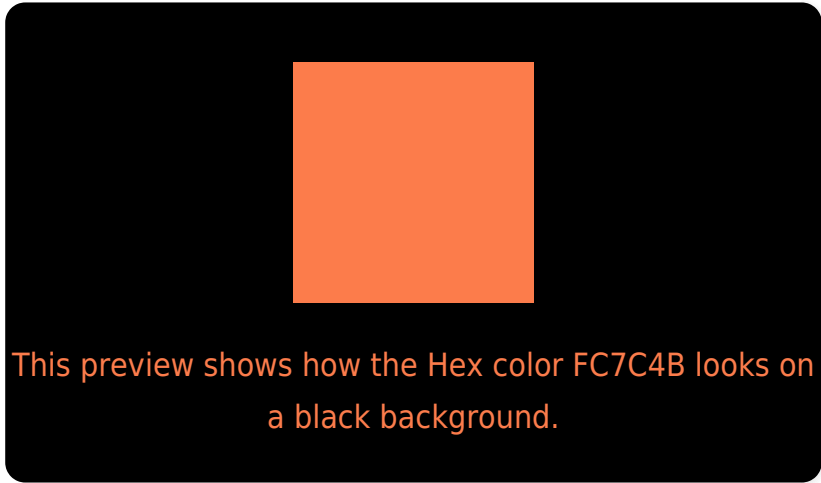
Large Text (above 18pt) WCAG AA × Fail

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 FC7C4B Background



This preview shows how black text looks on a background with the Hex color FC7C4B.



This preview shows how white text looks on a background with the Hex color FC7C4B.

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
FC7C4B

Protanopia
B2A257

Deuteranopia
C89944



Tritanopia
FF767E

Trichromacy



Original Color
FC7C4B

Protanomaly
CD9453

Deuteranomaly
DB8E47

Tritanomaly
FE786B

Monochromacy



Original Color
FC7C4B

Achromatopsia
9D9D9D

Achromatomaly
C0917F

CSS Examples

Text

The CSS property to change the color of the text to Hex FC7C4B 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 #FC7C4B looks like.

```
.text, #text, p{  
    color:#FC7C4B  
}
```

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 #FC7C4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC7C4B
}
```

Border

The CSS property to change the border of an element to Hex FC7C4B 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
#FC7C4B }
```

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

```
.border{ border-color:#FC7C4B }
```

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

Here you see how a box with a 4 pixel #FC7C4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC7C4B; -webkit-box-shadow:4px 4px  
4px 4px #FC7C4B; box-shadow:4px 4px 4px  
4px #FC7C4B }
```

Background

The CSS property to change the background color of an element to Hex FC7C4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC7C4B }
```

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

```
.background{ background-color:#FC7C4B }
```

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