

Converting Colors

Hex(FF724A)

Have a look what the booklet for
Hex(FF724A) contains.

Hex(FF724A)	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(F7724A)

Conversions

Conversions Part 1

Format	Color
Hex	FF724A
RGB	255, 114, 74
RGB Percent	100%, 45%, 29%
CMY	0.0000, 0.5529, 0.7098
CMYK	0.00, 0.55, 0.71, 0.00
HSL	13°, 100%, 65%
HSV	13°, 71%, 100%
XYZ	48.4933, 33.7890, 10.4446
YIQ	151.5990, 96.8760, 17.4520

Conversions

Conversions Part 2

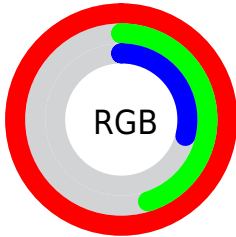
Format	Color
RYB	255, 125, 74
Decimal	16740938
CIELab	64.79, 51.28, 47.75
CIELCh	65, 70.067, 42.958
Yxy	33.7890, 0.5230, 0.3644
Android (android.graphics.Color)	4294931018 (0xFFFF724A)
YUV	151.5990, -38.2563, 90.6827
Hunter-Lab	58.1283, 47.1883, 30.0365

Details

The Hex color **FF724A** 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 **4AD7FF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA97C**, and **BF3C1A** is the 20% darker color. If you saturate the color by 10%, you get **FF5E31**, and if you desaturate by 10%, it is **FF8664**.

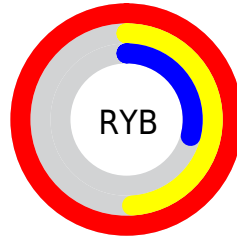
Distribution



Red (100%)

Green (45%)

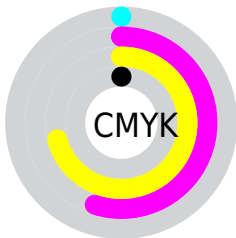
Blue (29%)



Red (100%)

Yellow (49%)

Blue (29%)

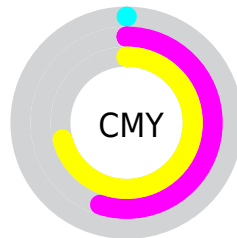


Cyan (0%)

Magenta (55%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF724A 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 FF724A by changing the saturation by 10% instead.

 FF724A

 FF724A

FFFFFF

 DF5732

 FFA97C

 BF3C1A

 FFC597

 A01D01

 FFE2B2

 820000

 FFFFCE

 630000

 FFFFEA

 460000

 2A0001

 000000

 FF724A

 FF724A

■ FF5E31

■ FF8664

■ FF4A17

■ FF9A7D

■ FF3800

■ FFAE97

■ FFC1B0

■ FFD5CA

■ FFE9E3

■ FFFDFD

FFFFFF

Harmonies

Analogous

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



FF5E85



FF724A



D98D13

Triad

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



FF724A



00B876



469BFF

Complementary

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



FF724A



4AD7FF

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.



00AEFF



FF724A



00BAB7

Square

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



FF724A



5AB139



00B8F1



C280FA

Rectangle

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



FF724A



B69C00



00B8F1



00A3FF

Sweetspot

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



FF724A



FFD5C9



FF4AD8



806760



000000



808080

Same Dimension

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



FF724A



FF5626



FFCC4A



807673



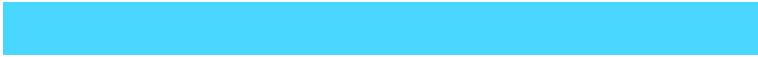
BF2A00



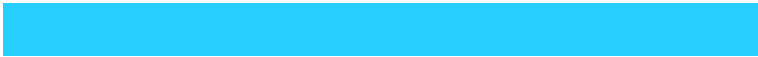
400E00

Inverse Universe

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



4AD7FF



26CFFF



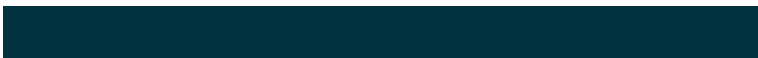
4A7DFF



737D80



0095BF



003240

Previews

White Background



This preview shows how the Hex color FF724A looks on a white background.

Color Contrast Check

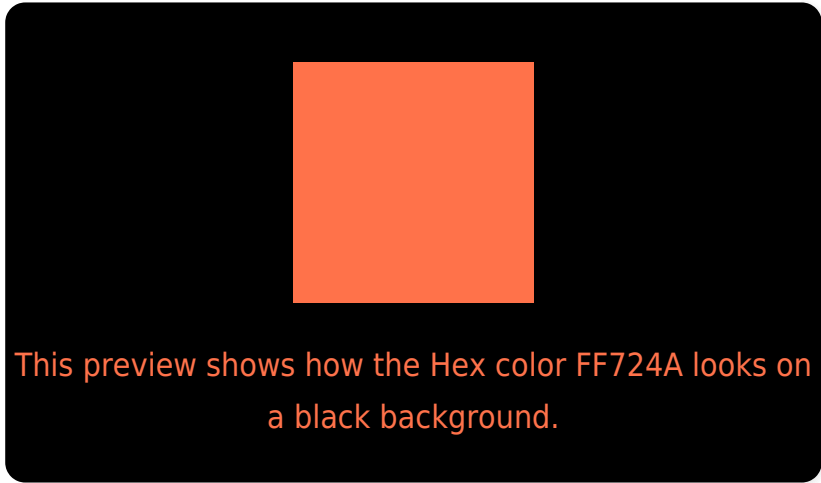
Large Text (above 18pt) WCAG AA × Fail

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 FF724A Background



This preview shows how black text looks on a background with the Hex color FF724A.



This preview shows how white text looks on a background with the Hex color FF724A.

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
FF724A

Protanopia
AD9E58

Deuteranopia
C49642



Tritanopia
FF6E75

Trichromacy



Original Color
FF724A



Protanomaly
CB8E53



Deuteranomaly
D98945

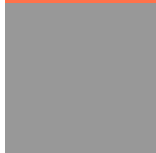


Tritanomaly
FF6F65

Monochromacy



Original Color
FF724A



Achromatopsia
989898



Achromatomaly
BD8A7C

CSS Examples

Text

The CSS property to change the color of the text to Hex FF724A 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 #FF724A looks like.

```
.text, #text, p{  
    color:#FF724A  
}
```

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 #FF724A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF724A
}
```

Border

The CSS property to change the border of an element to Hex FF724A 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
#FF724A }
```

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

```
.border{ border-color:#FF724A }
```

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

Here you see how a box with a 4 pixel #FF724A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF724A; -webkit-box-shadow:4px 4px  
4px 4px #FF724A; box-shadow:4px 4px 4px  
4px #FF724A }
```

Background

The CSS property to change the background color of an element to Hex FF724A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF724A }
```

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

```
.background{ background-color:#FF724A }
```

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