

Converting Colors

Hex(FF704F)

Have a look what the booklet for
Hex(FF704F) contains.

Hex(FF704F)	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(F7704F)

Conversions

Conversions Part 1

Format	Color
Hex	FF704F
RGB	255, 112, 79
RGB Percent	100%, 44%, 31%
CMY	0.0000, 0.5608, 0.6902
CMYK	0.00, 0.56, 0.69, 0.00
HSL	11°, 100%, 65%
HSV	11°, 69%, 100%
XYZ	48.4455, 33.4129, 11.2931
YIQ	150.9950, 95.8210, 20.0530

Conversions

Conversions Part 2

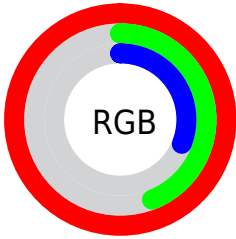
Format	Color
R_{YB}	255, 120, 79
Decimal	16740431
CIE _{Lab}	64.49, 52.44, 44.81
CIE _{LCh}	64, 68.983, 40.514
Yxy	33.4129, 0.5201, 0.3587
Android (android.graphics.Color)	4294930511 (0xFFFF704F)
YUV	150.9950, -35.4935, 91.2124
Hunter-Lab	57.8039, 48.4442, 28.8792

Details

The Hex color **FF704F** 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 **4FDEFF**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFA781**, and **C03920** is the 20% darker color. If you saturate the color by 10%, you get **FF5B36**, and if you desaturate by 10%, it is **FF8569**.

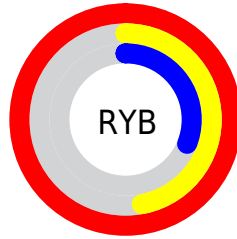
Distribution



Red (100%)

Green (44%)

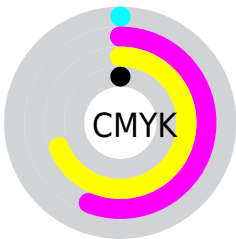
Blue (31%)



Red (100%)

Yellow (47%)

Blue (31%)

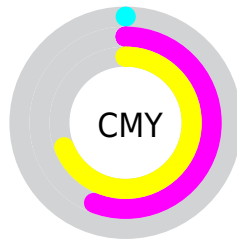


Cyan (0%)

Magenta (56%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF704F 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 FF704F by changing the saturation by 10% instead.

 FF704F

 FF704F

FFFFFF

 DF5537

 FFA781

 C03920

 FFC49C

 A01908

 FFE1B7

 820000

 FFFED3

 630000

 FFFFEE

 460001

 2A0001

 000000

 FF704F

 FF704F

 FF5B36

 FF8569

 FF471C

 FF9982

 FF3203

 FFAE9C

 FF3000

 FFC3B5

 FFD8CF

 FFECE8

FFFFFF

Harmonies

Analogous

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



FF5E89



FF704F



DB8A1B

Triad

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



FF704F



00B671



339CFF

Complementary

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



FF704F



4FDEFF

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



FF704F



00B9B1

Square

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



FF704F



62AF35



00B7EB



BA82FB

Rectangle

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



FF704F



B99A00



00B7EB



00A3FF

Sweetspot

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



FF704F



FFD3C9



FF4FDF



806660



000000



808080

Same Dimension

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



FF704F



FF532B



FFC74F



807573



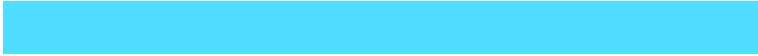
BF2400



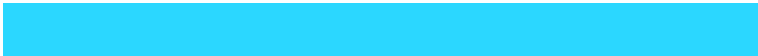
400C00

Inverse Universe

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



4FDEFF



2BD7FF



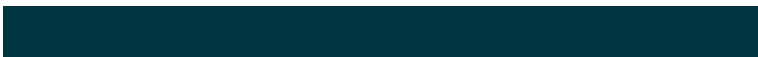
4F87FF



737D80



009BBF



003440

Previews

White Background



This preview shows how the Hex color FF704F looks on a white background.

Color Contrast Check

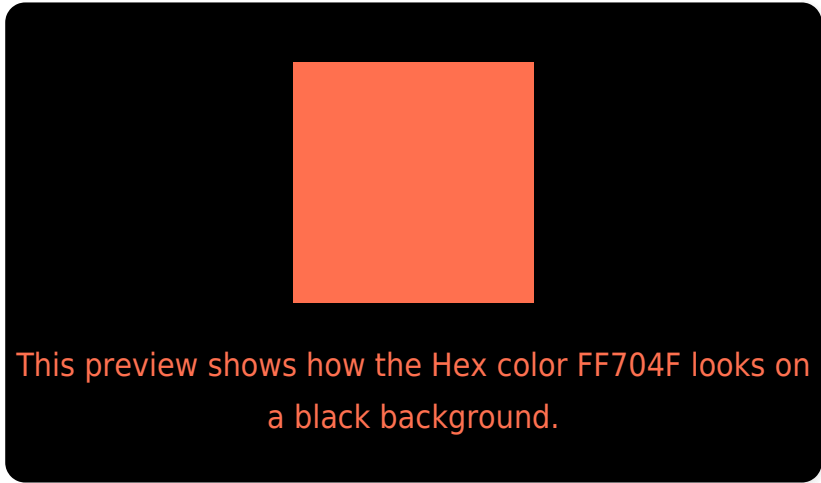
Large Text (above 18pt) WCAG AA × Fail

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 FF704F Background



This preview shows how black text looks on a background with the Hex color FF704F.

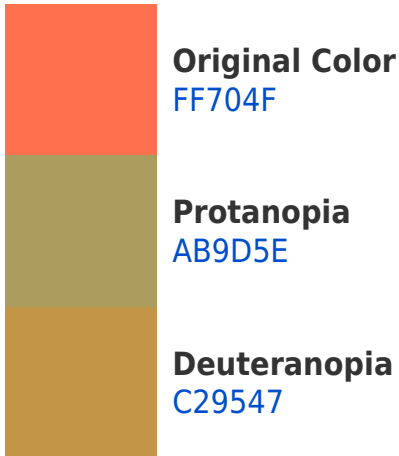


This preview shows how white text looks on a background with the Hex color FF704F.

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
FF6D74

Trichromacy



Original Color
FF704F

Protanomaly
CA8D59

Deuteranomaly
D8884A

Tritanomaly
FF6E67

Monochromacy



Original Color
FF704F

Achromatopsia
979797

Achromatomaly
BD897D

CSS Examples

Text

The CSS property to change the color of the text to Hex FF704F 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 #FF704F looks like.

```
.text, #text, p{  
    color:#FF704F  
}
```

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 #FF704F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF704F
}
```

Border

The CSS property to change the border of an element to Hex FF704F is called "border". The border property can be set on classes, ids or directly on the HTML element.

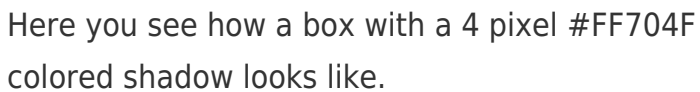
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF704F }
```

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

```
.border{ border-color:#FF704F }
```

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



Here you see how a box with a 4 pixel #FF704F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF704F; -webkit-box-shadow:4px 4px  
4px 4px #FF704F; box-shadow:4px 4px 4px  
4px #FF704F }
```

Background

The CSS property to change the background color of an element to Hex FF704F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF704F }
```

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

```
.background{ background-color:#FF704F }
```

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