

Converting Colors

Hex(FF725E)

Have a look what the booklet for
Hex(FF725E) contains.

Hex(FF725E)	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(F7725E)

Conversions

Conversions Part 1

Format	Color
Hex	FF725E
RGB	255, 114, 94
RGB Percent	100%, 45%, 37%
CMY	0.0000, 0.5529, 0.6314
CMYK	0.00, 0.55, 0.63, 0.00
HSL	7°, 100%, 68%
HSV	7°, 63%, 100%
XYZ	49.2777, 34.1028, 14.5749
YIQ	153.8790, 90.4560, 23.6720

Conversions

Conversions Part 2

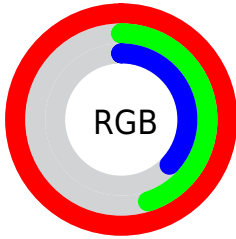
Format	Color
R _Y B	255, 117, 94
Decimal	16740958
CIE Lab	65.04, 52.35, 37.42
CIE LCh	65, 64.347, 35.561
Yxy	34.1028, 0.5031, 0.3481
Android (android.graphics.Color)	4294931038 (0xFFFF725E)
YUV	153.8790, -29.5203, 88.6831
Hunter-Lab	58.3976, 48.4281, 26.0806

Details

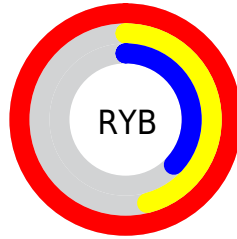
The Hex color **FF725E** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **5EEBFF**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA991**, and **C03B2F** is the 20% darker color. If you saturate the color by 10%, you get **FF5C45**, and if you desaturate by 10%, it is **FF8878**.

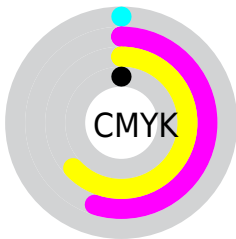
Distribution



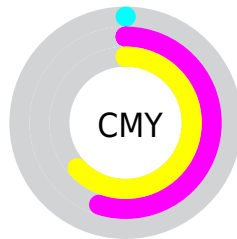
- Red (100%)
- Green (45%)
- Blue (37%)



- Red (100%)
- Yellow (46%)
- Blue (37%)



- Cyan (0%)
- Magenta (55%)
- Yellow (63%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF725E 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 FF725E by changing the saturation by 10% instead.

 FF725E

 FF725E

FFFFFF

 DF5746

 FFA991

 C03B2F

 FFC6AC

 A11C19

 FFE3C7

 830001

 FFFFEE

 650000

 470000

 2B0001

 000000

 FF725E

 FF725E

 FF5C45

 FF8878

 FF452B

 FF9F91

 FF2F12

 FFB5AB

 FF2000

 FFCBC4

 FFE2DE

 FFF8F7

FFFFFF

Harmonies

Analogous

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



FF6695



FF725E



E08930

Triad

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



FF725E



00B66C



18A1FF

Complementary

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



FF725E



5EEBFF

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.



00B0FF



FF725E



00B9A7

Square

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



FF725E



75AD38



00B8DF



AD8AFC

Rectangle

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



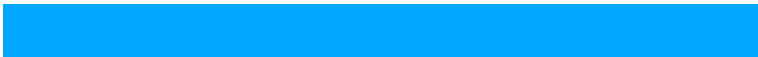
FF725E



C2981C



00B8DF



00A7FF

Sweetspot

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



FF725E



FFD5CF



FF5EEC



806662



000000



808080

Same Dimension

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



FF725E



FF553D



FFC15E



807473



BF1800



400800

Inverse Universe

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



5EEBFF



3DE7FF



5E9CFF



737E80



00A7BF



003840

Previews

White Background



This preview shows how the Hex color FF725E looks on a white background.

Color Contrast Check

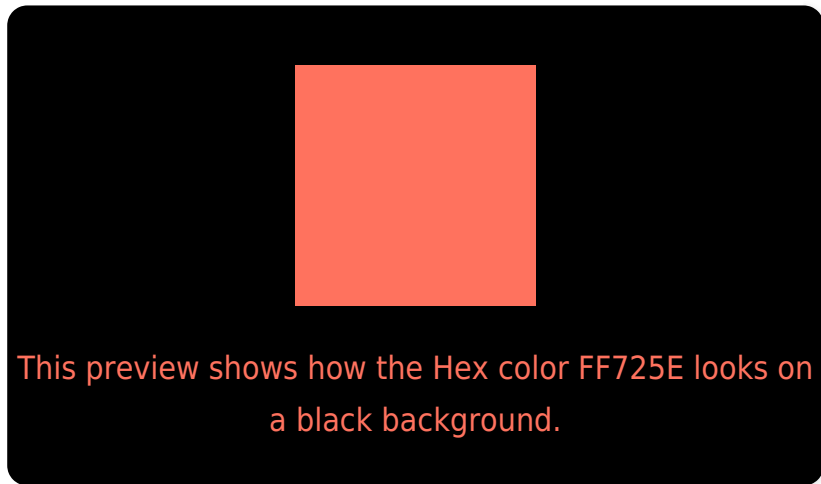
Large Text (above 18pt) WCAG AA × Fail

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 FF725E Background



This preview shows how black text looks on a background with the Hex color FF725E.

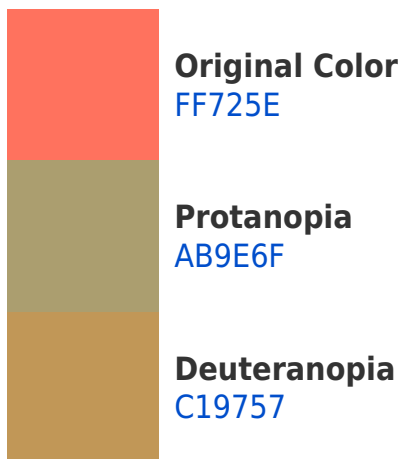


This preview shows how white text looks on a background with the Hex color FF725E.

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
FF7077

Trichromacy



Original Color
FF725E

Protanomaly
CA8E69

Deuteranomaly
D88A5A

Tritanomaly
FF716E

Monochromacy



Original Color
FF725E

Achromatopsia
9A9A9A

Achromatomaly
BF8B84

CSS Examples

Text

The CSS property to change the color of the text to Hex FF725E 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 #FF725E looks like.

```
.text, #text, p{  
    color:#FF725E  
}
```

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 #FF725E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF725E
}
```

Border

The CSS property to change the border of an element to Hex FF725E 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
#FF725E }
```

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

```
.border{ border-color:#FF725E }
```

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

Here you see how a box with a 4 pixel #FF725E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF725E; -webkit-box-shadow:4px 4px  
4px 4px #FF725E; box-shadow:4px 4px 4px  
4px #FF725E }
```

Background

The CSS property to change the background color of an element to Hex FF725E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF725E }
```

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

```
.background{ background-color:#FF725E }
```

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