

Converting Colors

Hex(FF713D)

Have a look what the booklet for
Hex(FF713D) contains.

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Color

Hex(F7713D)

Conversions

Conversions Part 1

Format	Color
Hex	FF713D
RGB	255, 113, 61
RGB Percent	100%, 44%, 24%
CMY	0.0000, 0.5569, 0.7608
CMYK	0.00, 0.56, 0.76, 0.00
HSL	16°, 100%, 62%
HSV	16°, 76%, 100%
XYZ	47.9874, 33.4072, 8.3339
YIQ	149.5300, 101.3240, 13.9320

Conversions

Conversions Part 2

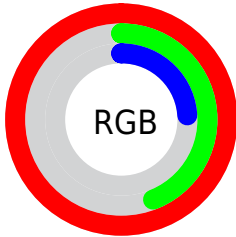
Format	Color
R_{YB}	255, 132, 61
Decimal	16740669
CIE _{Lab}	64.49, 51.20, 53.86
CIE _{LCh}	64, 74.312, 46.449
Yxy	33.4072, 0.5348, 0.3723
Android (android.graphics.Color)	4294930749 (0xFFFF713D)
YUV	149.5300, -43.6453, 92.4972
Hunter-Lab	57.7989, 47.0510, 31.9104

Details

The Hex color **FF713D** 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 **3DCBFF**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFA86F**, and **BF3B08** is the 20% darker color. If you saturate the color by 10%, you get **FF5E23**, and if you desaturate by 10%, it is **FF8457**.

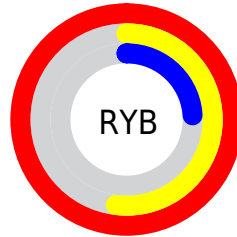
Distribution



Red (100%)

Green (44%)

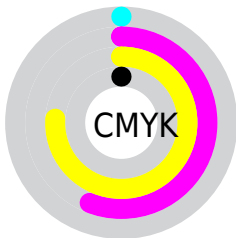
Blue (24%)



Red (100%)

Yellow (52%)

Blue (24%)

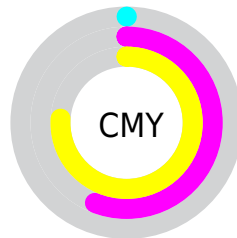


Cyan (0%)

Magenta (56%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF713D 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 FF713D by changing the saturation by 10% instead.

 FF713D

 FF713D

FFFFFF

 DF5624

 FFA86F

 BF3B08

 FFC48A

 A01C00

 FFE1A5

 810000

 FFFFC0

 620000

 FFFFDC

 450000

 FFFFF9

 290001

 000000

 FF713D

 FF713D

■ FF5E23

■ FF8457

■ FF4C0A

■ FF9670

■ FF4400

■ FFA98A

■ FFBCA3

■ FFCEBD

■ FFE1D6

■ FFF4F0

FFFFFF

Harmonies

Analogous

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



FF587B



FF713D



D48E00

Triad

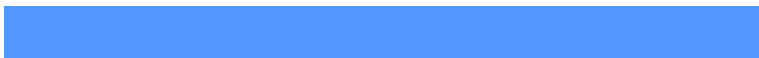
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF713D



00B97B



5298FF

Complementary

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



FF713D



3DCBFF

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.



00ADFF



FF713D



00BBC0

Square

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



FF713D



46B238



00B8FC



CD79F9

Rectangle

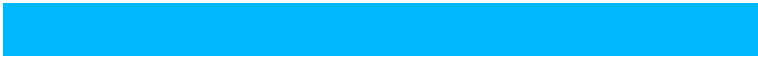
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF713D



AE9E00



00B8FC



00A0FF

Sweetspot

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



FF713D



FFD4C4



FF3DCB



80655C



000000



808080

Same Dimension

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



FF713D



FF5517



FFD23D



807673



BF3300



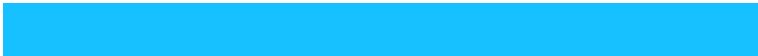
401100

Inverse Universe

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



3DCBFF



17C1FF



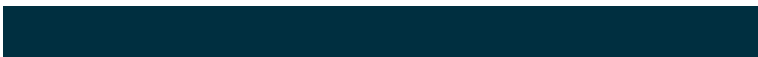
3D6AFF



737C80



008CBF



002F40

Previews

White Background



This preview shows how the Hex color FF713D looks on a white background.

Color Contrast Check

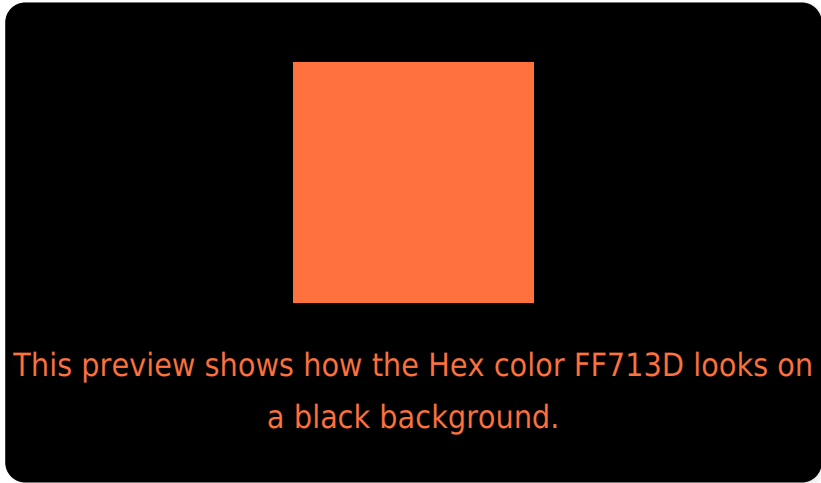
Large Text (above 18pt) WCAG AA × Fail

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

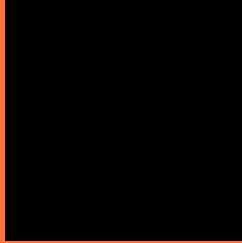
Any Text WCAG AA ✓ Pass

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 FF713D Background



This preview shows how black text looks on a background with the Hex color FF713D.



This preview shows how white text looks on a background with the Hex color FF713D.

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
FF713D

Protanopia
AE9D4A

Deuteranopia
C49533



Tritanopia
FF6D73

Trichromacy



Original Color
FF713D

Protanomaly
CB8D45

Deuteranomaly
D98837

Tritanomaly
FF6E5F

Monochromacy



Original Color
FF713D

Achromatopsia
969696

Achromatomaly
BC8976

CSS Examples

Text

The CSS property to change the color of the text to Hex FF713D 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 #FF713D looks like.

```
.text, #text, p{  
    color:#FF713D  
}
```

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 #FF713D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF713D
}
```

Border

The CSS property to change the border of an element to Hex FF713D 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
#FF713D }
```

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

```
.border{ border-color:#FF713D }
```

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

Here you see how a box with a 4 pixel #FF713D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF713D; -webkit-box-shadow:4px 4px  
4px 4px #FF713D; box-shadow:4px 4px 4px  
4px #FF713D }
```

Background

The CSS property to change the background color of an element to Hex FF713D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF713D }
```

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

```
.background{ background-color:#FF713D }
```

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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