

Converting Colors

Hex(FF742D)

Have a look what the booklet for
Hex(FF742D) contains.

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Color

Hex(F F 7 4 2 D)

Conversions

Conversions Part 1

Format	Color
Hex	FF742D
RGB	255, 116, 45
RGB Percent	100%, 45%, 18%
CMY	0.0000, 0.5451, 0.8235
CMYK	0.00, 0.55, 0.82, 0.00
HSL	20°, 100%, 59%
HSV	20°, 82%, 100%
XYZ	47.9590, 33.9402, 6.5060
YIQ	149.4670, 105.6350, 7.3870

Conversions

Conversions Part 2

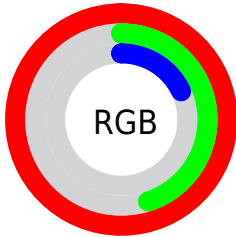
Format	Color
R_{YB}	255, 152, 45
Decimal	16741421
CIE _{Lab}	64.92, 49.29, 61.32
CIE _{LCh}	65, 78.672, 51.209
Yxy	33.9402, 0.5425, 0.3839
Android (android.graphics.Color)	4294931501 (0xFFFF742D)
YUV	149.4670, -51.5022, 92.5524
Hunter-Lab	58.2583, 44.9919, 34.1595

Details

The Hex color **FF742D** 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 **2DB8FF**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFAB61**, and **BF3E00** is the 20% darker color. If you saturate the color by 10%, you get **FF6314**, and if you desaturate by 10%, it is **FF8547**.

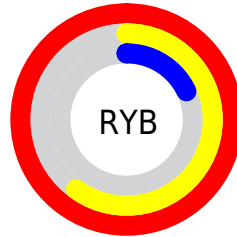
Distribution



Red (100%)

Green (45%)

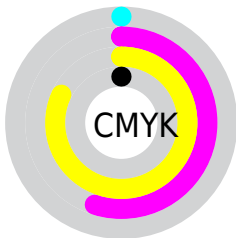
Blue (18%)



Red (100%)

Yellow (60%)

Blue (18%)

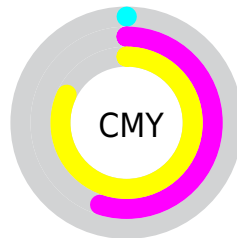


Cyan (0%)

Magenta (55%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF742D 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 FF742D by changing the saturation by 10% instead.

 FF742D

 FF742D

FFFFFF

 DF590F

 FFAB61

 BF3E00

 FFC77B

 9F2200

 FFE496

 800000

 FFFFB2

 610000

 FFFFCE

 440000

 FFFFEB

 280001

 000000

 FF742D

 FF742D

 FF6314

 FF8547

 FF5600

 FF9660

 FFA77A

 FFB893

 FFC8AD

 FFD9C6

 FFEAE0

 FFFBF9

FFFFFF

Harmonies

Analogous

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



FF556F



FF742D



CE9300

Triad

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



FF742D



00BC86



6B94FF

Complementary

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



FF742D



2DB8FF

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.



00ACFF



FF742D



00BDCF

Square

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



FF742D



1FB63D



00B9FF



DD71F7

Rectangle

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



FF742D



A5A300



00B9FF



009DFF

Sweetspot

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



FF742D



FFD5BF



FF2DB9



806659



000000



808080

Same Dimension

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



FF742D



FF5803



FFDC2D



807773



BF4100



401600

Inverse Universe

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



2DB8FF



03AAFF



2D50FF



737B80



007FBF



002A40

Previews

White Background



This preview shows how the Hex color FF742D looks on a white background.

Color Contrast Check

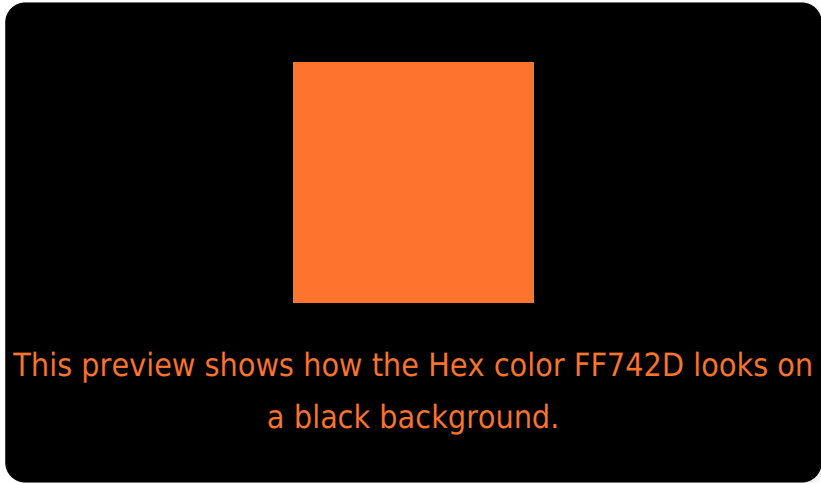
Large Text (above 18pt) WCAG AA × Fail

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 FF742D Background



This preview shows how black text looks on a background with the Hex color FF742D.

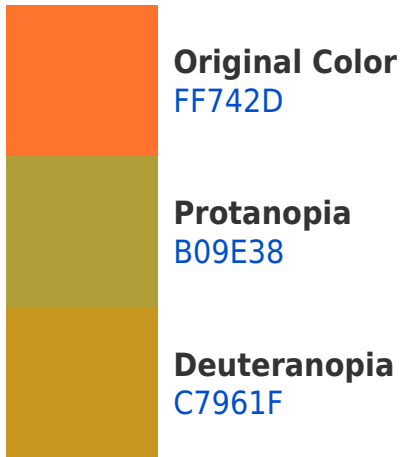


This preview shows how white text looks on a background with the Hex color FF742D.

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
FF6F76

Trichromacy



Original Color
FF742D

Protanomaly
CD8F34

Deuteranomaly
DB8A24

Tritanomaly
FF715B

Monochromacy



Original Color
FF742D

Achromatopsia
959595

Achromatomaly
BC896F

CSS Examples

Text

The CSS property to change the color of the text to Hex FF742D 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 #FF742D looks like.

```
.text, #text, p{  
    color:#FF742D  
}
```

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 #FF742D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF742D
}
```

Border

The CSS property to change the border of an element to Hex FF742D 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
#FF742D }
```

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

```
.border{ border-color:#FF742D }
```

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

Here you see how a box with a 4 pixel #FF742D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF742D; -webkit-box-shadow:4px 4px  
4px 4px #FF742D; box-shadow:4px 4px 4px  
4px #FF742D }
```

Background

The CSS property to change the background color of an element to Hex FF742D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF742D }
```

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

```
.background{ background-color:#FF742D }
```

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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