

Converting Colors

Hex(FF711A)

Have a look what the booklet for
Hex(FF711A) contains.

Hex(FF711A)	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(F7711A)

Conversions

Conversions Part 1

Format	Color
Hex	FF711A
RGB	255, 113, 26
RGB Percent	100%, 44%, 10%
CMY	0.0000, 0.5569, 0.8980
CMYK	0.00, 0.56, 0.90, 0.00
HSL	23°, 100%, 55%
HSV	23°, 90%, 100%
XYZ	47.3316, 33.1448, 4.8802
YIQ	145.5400, 112.5590, 3.0470

Conversions

Conversions Part 2

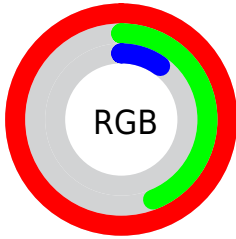
Format	Color
RYB	255, 166, 26
Decimal	16740634
CIELab	64.28, 50.29, 67.37
CIElCh	64, 84.067, 53.259
Yxy	33.1448, 0.5545, 0.3883
Android (android.graphics.Color)	4294930714 (0xFFFF711A)
YUV	145.5400, -58.9332, 95.9964
Hunter-Lab	57.5716, 46.0009, 35.2742

Details

The Hex color **FF711A** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **1AA8FF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA852**, and **BE3B00** is the 20% darker color. If you saturate the color by 10%, you get **FF6100**, and if you desaturate by 10%, it is **FF8133**.

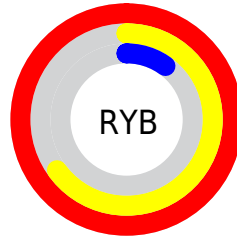
Distribution



Red (100%)

Green (44%)

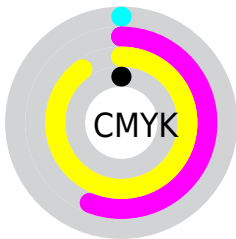
Blue (10%)



Red (100%)

Yellow (65%)

Blue (10%)

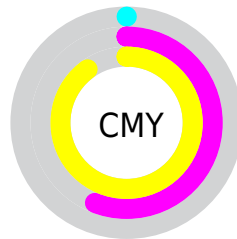


Cyan (0%)

Magenta (56%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF711A 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 FF711A by changing the saturation by 10% instead.

 FF711A

 FF711A

FFFFFF

 DE5600

 FFA852

 BE3B00

 FFC46D

 9E1D00

 FFE188

 7F0000

 FFFEA3

 610000

 FFFFBF

 440000

 FFFFDC

 270001

 FFFFF9

 000000

 FF711A

 FF711A

■ FF6100

■ FF8133

■ FF914D

■ FFA066

■ FFB080

■ FFC099

■ FFD0B3

■ FFE0CC

■ FFEFE6

FFFFFF

Harmonies

Analogous

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



FF4B66



FF711A



CA9300

Triad

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



FF711A



00BC88



6D8FFF

Complementary

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



FF711A



1AA8FF

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.



00AAFF



FF711A



00BDD5

Square

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



FF711A



00B638



00B8FF



E468F7

Rectangle

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



FF711A



9DA300



00B8FF



009AFF

Sweetspot

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



FF711A



FFD4BA



FF1AAB



806657



000000



808080

Same Dimension

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



FF711A



FF6100



FFE01A



807873



BF4900



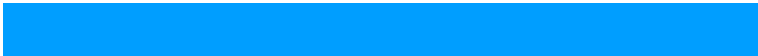
401800

Inverse Universe

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



1AA8FF



009EFF



1A39FF



737B80



0077BF



002840

Previews

White Background



This preview shows how the Hex color FF711A looks on a white background.

Color Contrast Check

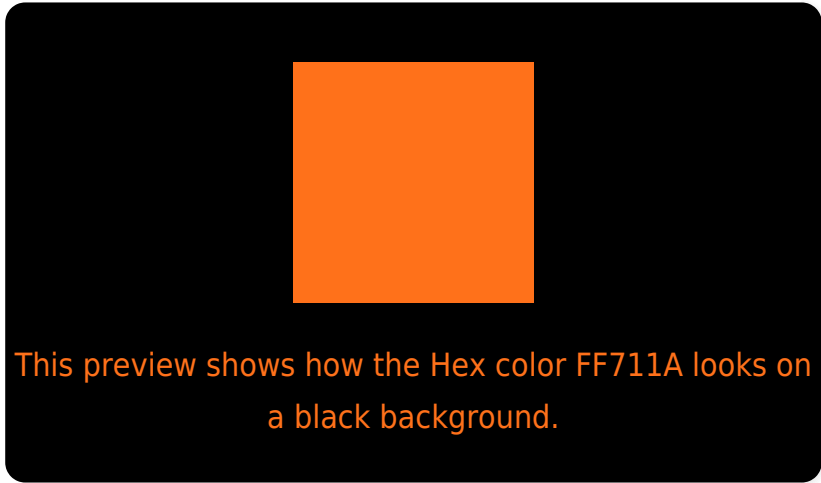
Large Text (above 18pt) WCAG AA × Fail

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 FF711A Background



This preview shows how black text looks on a background with the Hex color FF711A.

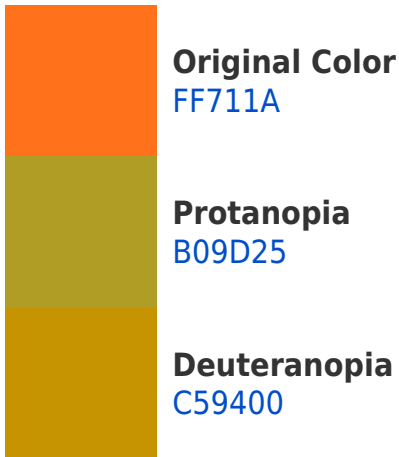


This preview shows how white text looks on a background with the Hex color FF711A.

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
FF6C72

Trichromacy



Original Color
FF711A

Protanomaly
CD8D21

Deuteranomaly
DA8709

Tritanomaly
FF6E52

Monochromacy



Original Color
FF711A

Achromatopsia
929292

Achromatomaly
BA8666

CSS Examples

Text

The CSS property to change the color of the text to Hex FF711A 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 #FF711A looks like.

```
.text, #text, p{  
    color:#FF711A  
}
```

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 #FF711A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF711A
}
```

Border

The CSS property to change the border of an element to Hex FF711A 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
#FF711A }
```

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

```
.border{ border-color:#FF711A }
```

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

Here you see how a box with a 4 pixel #FF711A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF711A; -webkit-box-shadow:4px 4px  
4px 4px #FF711A; box-shadow:4px 4px 4px  
4px #FF711A }
```

Background

The CSS property to change the background color of an element to Hex FF711A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF711A }
```

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

```
.background{ background-color:#FF711A }
```

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