

# Converting Colors

Hex(FA741A)

Have a look what the booklet for  
Hex(FA741A) contains.

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**Color**

**Hex(FA741A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA741A
RGB	250, 116, 26
RGB Percent	98%, 45%, 10%
CMY	0.0196, 0.5451, 0.8980
CMYK	0.00, 0.54, 0.90, 0.02
HSL	24°, 96%, 54%
HSV	24°, 90%, 98%
XYZ	45.8562, 32.8894, 4.9087
YIQ	145.8060, 108.7540, 0.4180

# Conversions

## Conversions Part 2

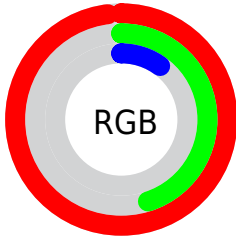
Format	Color
R <sub>Y</sub> B	250, 176, 26
Decimal	16413722
CIE Lab	64.07, 47.02, 66.87
CIE LCh	64, 81.748, 54.888
Yxy	32.8894, 0.5482, 0.3932
Android (android.graphics.Color)	4294603802 (0xFFFA741A)
YUV	145.8060, -59.0644, 91.3781
Hunter-Lab	57.3492, 42.3666, 35.0697

# Details

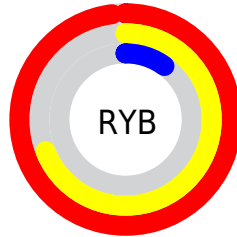
The Hex color **FA741A** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **1AA0FA**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFAA52**, and **BA3F00** is the 20% darker color. If you saturate the color by 10%, you get **FA6501**, and if you desaturate by 10%, it is **FA8333**.

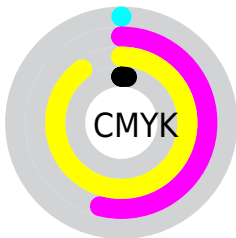
# Distribution



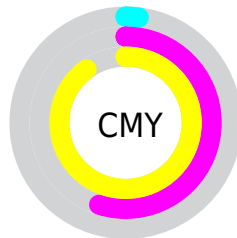
- Red (98%)
- Green (45%)
- Blue (10%)



- Red (98%)
- Yellow (69%)
- Blue (10%)



- Cyan (0%)
- Magenta (54%)
- Yellow (90%)
- Black (2%)



- Cyan (2%)
- Magenta (55%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA741A 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 FA741A by changing the saturation by 10% instead.



 FA741A

 FA741A

FFFFFF

 DA5900

 FFAA52

 BA3F00

 FFC76D

 9A2300

 FFE388

 7B0000

 FFFFA3

 5D0000

 FFFFBF

 400000

 FFFFDC

 230001

 FFFFF9

 000000

 FA741A

 FA741A

 FA6501

 FA8333

 FA6400

 FA924C

 FAA165

 FAB07E

 FABF97

 FACEB0

 FADDC9

 FAECE2

 FAFBFB

# Harmonies

## Analogous

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



FF5063



FA741A



C59400

# Triad

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



FA741A



00BB8C



7A8DFE

# Complementary

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



FA741A



1AA0FA

# 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.



00A8FF



FA741A



00BBD7

# Square

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



FA741A



00B540



00B6FF



E668F0

# Rectangle

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



FA741A



99A300



00B6FF



1998FF



# Sweetspot

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



FA741A



FFD6BA



FA1AA0



806757



000000



808080



# Same Dimension

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



FA741A



FF6600



FAE41A



7D7570



BD4C00



3D1900

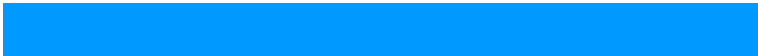


# Inverse Universe

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



1AA0FA



0099FF



1A30FA



70787D



0071BD



00253D



# Previews

## White Background



This preview shows how the Hex color FA741A looks on a white background.

## Color Contrast Check

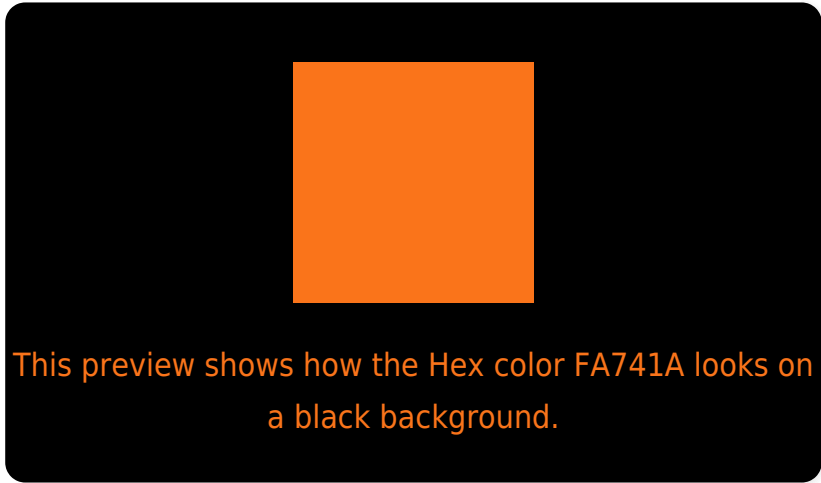
Large Text (above 18pt) WCAG AA × Fail

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 FA741A Background



This preview shows how black text looks on a background with the Hex color FA741A.

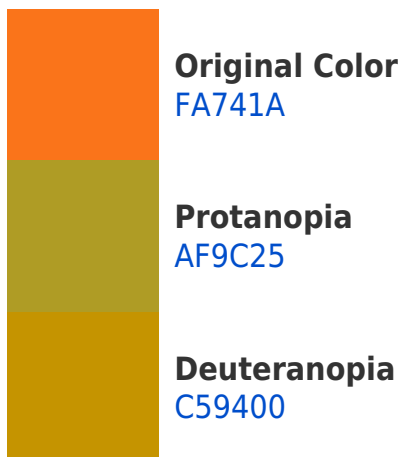


This preview shows how white text looks on a background with the Hex color FA741A.

# 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](#).

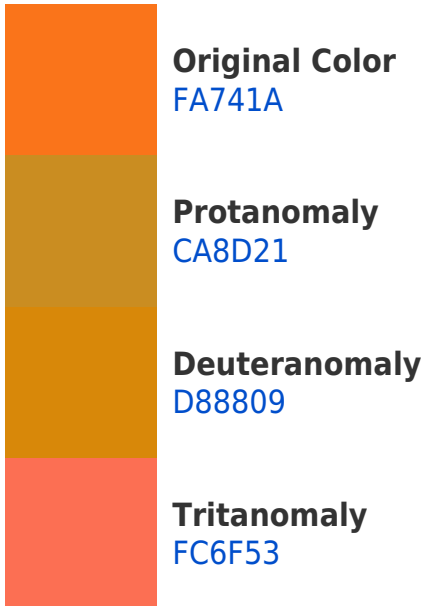
## Dichromacy





**Tritanopia**  
FD6C73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA741A 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 #FA741A looks like.

```
.text, #text, p{  
    color:#FA741A  
}
```

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 #FA741A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA741A
}
```

## Border

The CSS property to change the border of an element to Hex FA741A 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
#FA741A }
```

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

```
.border{ border-color:#FA741A }
```

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

Here you see how a box with a 4 pixel #FA741A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA741A; -webkit-box-shadow:4px 4px  
4px 4px #FA741A; box-shadow:4px 4px 4px  
4px #FA741A }
```

# Background

The CSS property to change the background color of an element to Hex FA741A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA741A }
```

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

```
.background{ background-color:#FA741A }
```

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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