

# Converting Colors

Hex(FF732A)

Have a look what the booklet for  
Hex(FF732A) contains.

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**Color**

**Hex(F732A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF732A
RGB	255, 115, 42
RGB Percent	100%, 45%, 16%
CMY	0.0000, 0.5490, 0.8353
CMYK	0.00, 0.55, 0.84, 0.00
HSL	21°, 100%, 58%
HSV	21°, 84%, 100%
XYZ	47.7887, 33.6886, 6.1743
YIQ	148.5380, 106.8730, 6.9770

# Conversions

## Conversions Part 2

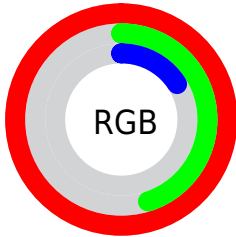
Format	Color
<a href="#">RYB</a>	<a href="#">255, 153, 42</a>
Decimal	<a href="#">16741162</a>
<a href="#">CIELab</a>	<a href="#">64.71, 49.68, 62.33</a>
<a href="#">CIElCh</a>	<a href="#">65, 79.703, 51.442</a>
<a href="#">Yxy</a>	<a href="#">33.6886, 0.5452, 0.3843</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294931242 (0xFFFF732A)</a>
<a href="#">YUV</a>	<a href="#">148.5380, -52.5232, 93.3672</a>
<a href="#">Hunter-Lab</a>	<a href="#">58.0419, 45.3942, 34.3223</a>

# Details

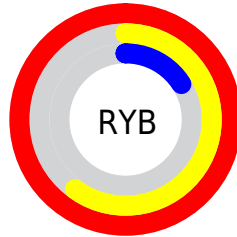
The Hex color **FF732A** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **2AB6FF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFAA5E**, and **BF3D00** is the 20% darker color. If you saturate the color by 10%, you get **FF6210**, and if you desaturate by 10%, it is **FF8443**.

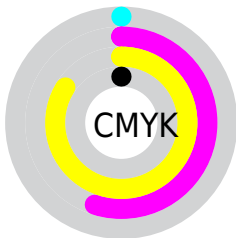
# Distribution



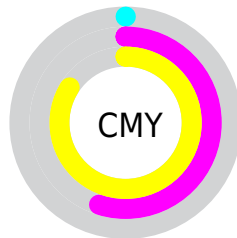
- Red (100%)
- Green (45%)
- Blue (16%)



- Red (100%)
- Yellow (60%)
- Blue (16%)



- Cyan (0%)
- Magenta (55%)
- Yellow (84%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF732A 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 FF732A by changing the saturation by 10% instead.



 FF732A

 FF732A

FFFFFF

 DF580A

 FFAA5E

 BF3D00

 FFC679

 9F2000

 FFE394

 800000

 FFFFAF

 610000

 FFFFCE

 440000

 FFFFEE

 280001

 000000

 FF732A

 FF732A

FF6210

FF8443

FF5700

FF955D

FFA577

FFB690

FFC7AA

FFD8C3

FFE8DD

FFF9F6

FFFFFF

# Harmonies

## Analogous

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



FF526E



FF732A



CE9300

# Triad

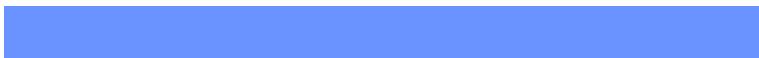
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF732A



00BC85



6A93FF

# Complementary

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



FF732A



2AB6FF

# 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



FF732A



00BDCF

# Square

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



FF732A



15B53B



00B9FF



DD70F7

# Rectangle

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



FF732A



A4A200



00B9FF



009DFF



# Sweetspot

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



FF732A



FFD5BF



FF2AB8



806659



000000



808080



# Same Dimension

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



FF732A



FF5700



FFDC2A



807773



BF4200



401600



# Inverse Universe

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



2AB6FF



00A8FF



2A4EFF



737B80



007EBF



002A40



# Previews

## White Background



This preview shows how the Hex color FF732A looks on a white background.

## Color Contrast Check

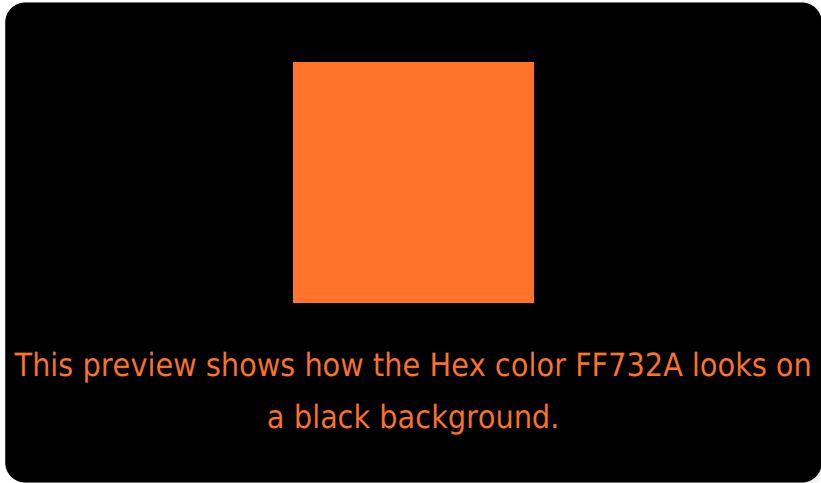
Large Text (above 18pt) WCAG AA × Fail

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 FF732A Background



This preview shows how black text looks on a background with the Hex color FF732A.



This preview shows how white text looks on a background with the Hex color FF732A.

# 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**  
FF732A

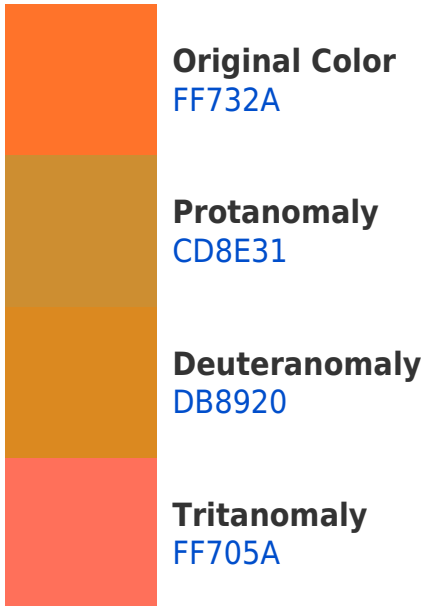
**Protanopia**  
B09E35

**Deuteranopia**  
C7951A



**Tritanopia**  
FF6E75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF732A 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 #FF732A looks like.

```
.text, #text, p{  
    color:#FF732A  
}
```

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 #FF732A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF732A
}
```

## Border

The CSS property to change the border of an element to Hex FF732A 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
#FF732A }
```

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

```
.border{ border-color:#FF732A }
```

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

Here you see how a box with a 4 pixel #FF732A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF732A; -webkit-box-shadow:4px 4px  
4px 4px #FF732A; box-shadow:4px 4px 4px  
4px #FF732A }
```

# Background

The CSS property to change the background color of an element to Hex FF732A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF732A }
```

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

```
.background{ background-color:#FF732A }
```

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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