

Converting Colors

Hex(FF4621)

Have a look what the booklet for
Hex(FF4621) contains.

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Color

Hex(F4621)

Conversions

Conversions Part 1

Format	Color
Hex	FF4621
RGB	255, 70, 33
RGB Percent	100%, 27%, 13%
CMY	0.0000, 0.7255, 0.8706
CMYK	0.00, 0.73, 0.87, 0.00
HSL	10°, 100%, 56%
HSV	10°, 87%, 100%
XYZ	43.7047, 25.7501, 4.1056
YIQ	121.0970, 122.1370, 27.7130

Conversions

Conversions Part 2

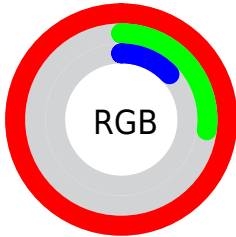
Format	Color
R_{YB}	255, 77, 33
Decimal	16729633
CIE _{Lab}	57.80, 67.82, 60.17
CIE _{LCh}	58, 90.669, 41.580
Yxy	25.7501, 0.5941, 0.3501
Android (android.graphics.Color)	4294919713 (0xFFFF4621)
YUV	121.0970, -43.4318, 117.4329
Hunter-Lab	50.7446, 64.9333, 30.7242

Details

The Hex color **FF4621** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **21DAFF**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF8253**, and **BD0000** is the 20% darker color. If you saturate the color by 10%, you get **FF3108**, and if you desaturate by 10%, it is **FF5B3A**.

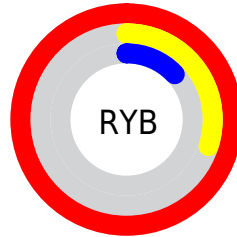
Distribution



Red (100%)

Green (27%)

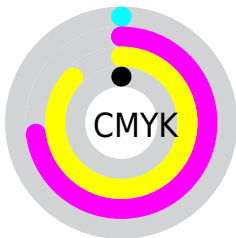
Blue (13%)



Red (100%)

Yellow (30%)

Blue (13%)

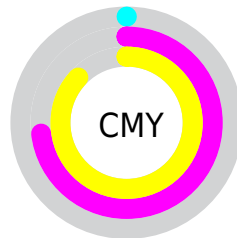


Cyan (0%)

Magenta (73%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4621 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 FF4621 by changing the saturation by 10% instead.

 FF4621

 FF4621

FFFFFF

 DE2203

 FF8253

 BD0000

 FF9F6D

 9C0000

 FFBC87

 7C0000

 FFDAA2

 5D0001

 FFF7BE

 400003

 FFFFDA

 1D0001

 FFFFF7

 000000

 FF4621

 FF4621

■ FF3108

■ FF5B3A

■ FF2B00

■ FF7154

■ FF866D

■ FF9B87

■ FFB0A1

■ FFC6BA

■ FFDBD3

■ FFF0ED

FFFFFF

Harmonies

Analogous

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



FF0070



FF4621



CF7500

Triad

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



FF4621



00A955



008BFF

Complementary

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



FF4621



21DAFF

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.



00A2FF



FF4621



00ACA9

Square

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



FF4621



1EA100



00ABF4



B064FF

Rectangle

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



FF4621



A58900



00ABF4



0095FF

Sweetspot

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



FF4621



FFC8BD



FF21DA



805F58



000000



808080

Same Dimension

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



FF4621



FF2B00



FFB521



807573



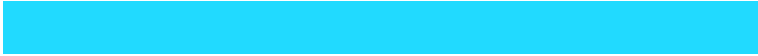
BF2000



400B00

Inverse Universe

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



21DAFF



00D4FF



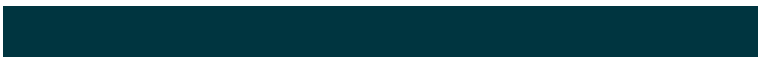
216BFF



737D80



009FBF



003540

Previews

White Background



This preview shows how the Hex color FF4621 looks on a white background.

Color Contrast Check

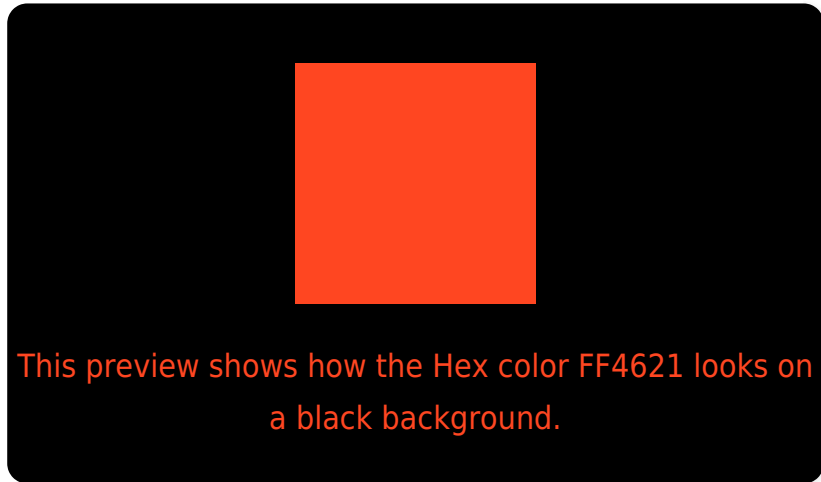
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF4621 Background



This preview shows how black text looks on a background with the Hex color FF4621.



This preview shows how white text looks on a background with the Hex color FF4621.

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
FF4621

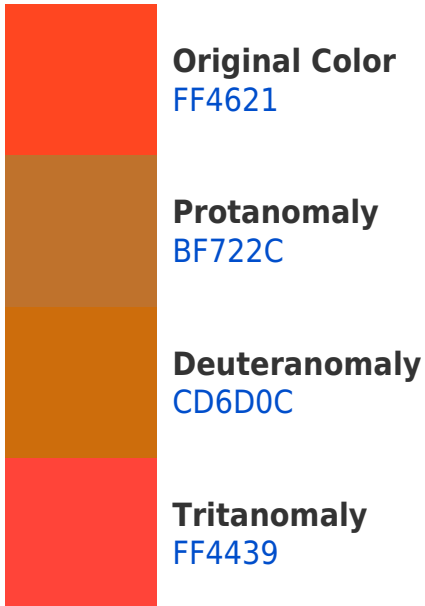
Protanopia
9B8B32

Deuteranopia
B08400

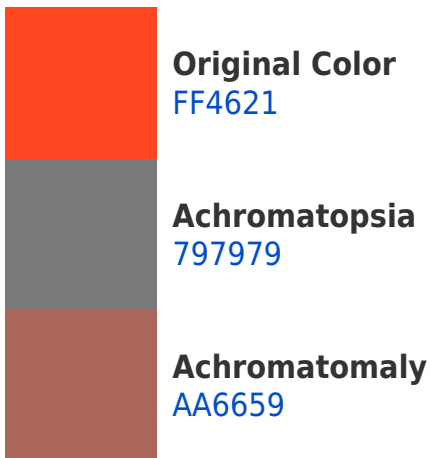


Tritanopia
FF4346

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF4621 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 #FF4621 looks like.

```
.text, #text, p{  
    color:#FF4621  
}
```

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 #FF4621 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4621
}
```

Border

The CSS property to change the border of an element to Hex FF4621 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".

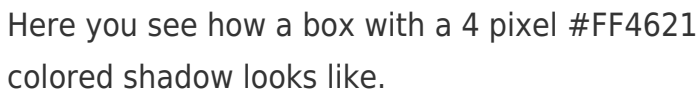
```
.border, #border, table{ border:4px solid
#FF4621 }
```

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

```
.border{ border-color:#FF4621 }
```

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

Here you see how a box with a 4 pixel #FF4621 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4621; -webkit-box-shadow:4px 4px  
4px 4px #FF4621; box-shadow:4px 4px 4px  
4px #FF4621 }
```

Background

The CSS property to change the background color of an element to Hex FF4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4621 }
```

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

```
.background{ background-color:#FF4621 }
```

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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