

Converting Colors

Hex(FD4302)

Have a look what the booklet for
Hex(FD4302) contains.

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Color

Hex(FD4302)

Conversions

Conversions Part 1

Format	Color
Hex	FD4302
RGB	253, 67, 2
RGB Percent	99%, 26%, 1%
CMY	0.0078, 0.7373, 0.9922
CMYK	0.00, 0.74, 0.99, 0.01
HSL	16°, 98%, 50%
HSV	16°, 99%, 99%
XYZ	42.5261, 24.9013, 2.6225
YIQ	115.2040, 131.7210, 19.2170

Conversions

Conversions Part 2

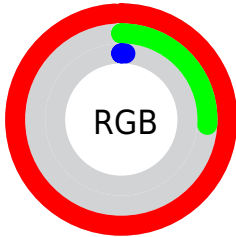
Format	Color
RYB	253, 90, 2
Decimal	16597762
CIELab	56.98, 67.86, 68.07
CIELCh	57, 96.113, 45.089
Yxy	24.9013, 0.6071, 0.3555
Android (android.graphics.Color)	4294787842 (0xFFFD4302)
YUV	115.2040, -55.8096, 120.8471
Hunter-Lab	49.9012, 64.7916, 31.8150

Details

The Hex color **FD4302** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **02BCFD**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF7F40**, and **BB0000** is the 20% darker color. If you saturate the color by 10%, you get **FD4200**, and if you desaturate by 10%, it is **FD561B**.

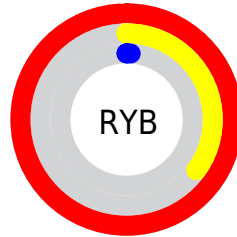
Distribution



Red (99%)

Green (26%)

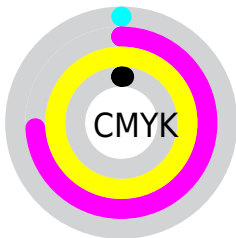
Blue (1%)



Red (99%)

Yellow (35%)

Blue (1%)

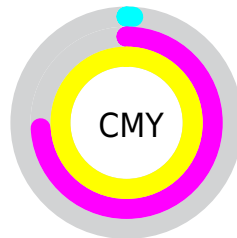


Cyan (0%)

Magenta (74%)

Yellow (99%)

Black (1%)



Cyan (1%)

Magenta (74%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD4302 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 FD4302 by changing the saturation by 10% instead.

 FD4302

 FD4302

FFFFFF

 DC1E00

 FF7F40

 BB0000

 FF9C5A

 9A0000

 FFB975

 790000

 FFD78F

 5A0001

 FFF4AB

 3D0003

 FFFFC7

 180001

 FFFFE4

 000000

 FD4302

 FD4302

■ FD4200

■ FD561B

■ FD6835

■ FD7B4E

■ FD8E67

■ FDA181

■ FDB39A

■ FDC6B3

■ FDD9CC

■ FDECE6

Harmonies

Analogous

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



FF0063



FD4302



C87500

Triad

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



FD4302



00A85A



0086FF

Complementary

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



FD4302



02BCFD

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.



009FFF



FD4302



00ABB2

Square

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



FD4302



00A100



00A9FF



BC57FF

Rectangle

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



FD4302



9A8A00



00A9FF



0090FF

Sweetspot

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



FD4302



FFC6B3



FD02BE



805D52



000000



808080

Same Dimension

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



FD4302



FF4200



FDBE02



807673



BF3200



401100

Inverse Universe

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



02BCFD



00BDFF



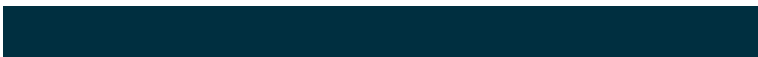
0241FD



737C80



008EBF



002F40

Previews

White Background



This preview shows how the Hex color FD4302 looks on a white background.

Color Contrast Check

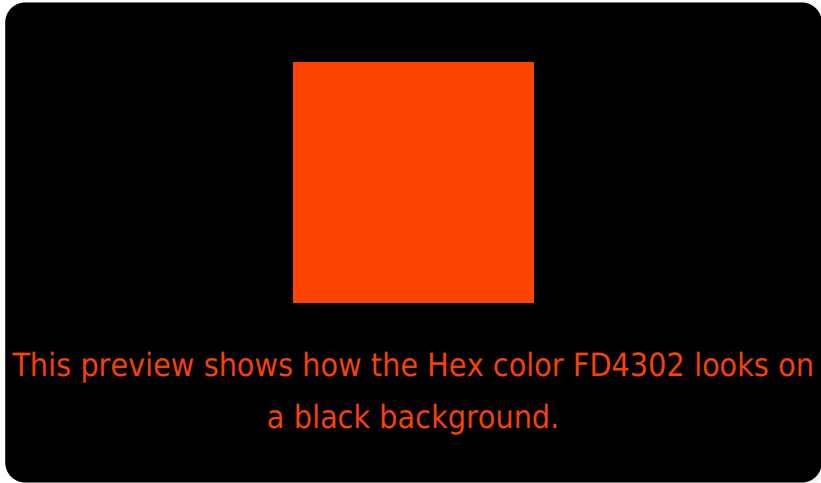
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD4302 Background



This preview shows how black text looks on a background with the Hex color FD4302.



This preview shows how white text looks on a background with the Hex color FD4302.

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
FD4302

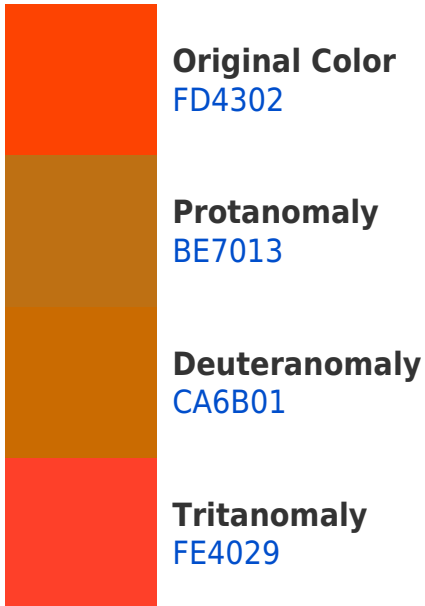
Protanopia
9A891D

Deuteranopia
AD8200



Tritanopia
FE3F40

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FD4302 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 #FD4302 looks like.

```
.text, #text, p{  
    color:#FD4302  
}
```

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 #FD4302 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD4302
}
```

Border

The CSS property to change the border of an element to Hex FD4302 is called "border". The border property can be set on classes, ids or directly on the HTML element.

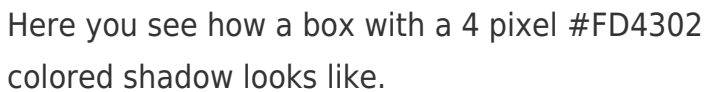
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FD4302 }
```

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

```
.border{ border-color:#FD4302 }
```

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



Here you see how a box with a 4 pixel #FD4302 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD4302; -webkit-box-shadow:4px 4px  
4px 4px #FD4302; box-shadow:4px 4px 4px  
4px #FD4302 }
```

Background

The CSS property to change the background color of an element to Hex FD4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD4302 }
```

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

```
.background{ background-color:#FD4302 }
```

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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