

Converting Colors

Hex(FD3403)

Have a look what the booklet for
Hex(FD3403) contains.

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Color

Hex(FD3403)

Conversions

Conversions Part 1

Format	Color
Hex	FD3403
RGB	253, 52, 3
RGB Percent	99%, 20%, 1%
CMY	0.0078, 0.7961, 0.9882
CMYK	0.00, 0.79, 0.99, 0.01
HSL	12°, 98%, 50%
HSV	12°, 99%, 99%
XYZ	41.7524, 23.3452, 2.3916
YIQ	106.5130, 135.5250, 27.3730

Conversions

Conversions Part 2

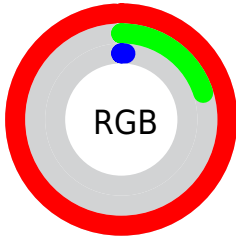
Format	Color
RYB	253, 64, 3
Decimal	16593923
CIELab	55.43, 72.22, 67.14
CIELCh	55, 98.604, 42.912
Yxy	23.3452, 0.6187, 0.3459
Android (android.graphics.Color)	4294784003 (0xFFFD3403)
YUV	106.5130, -51.0319, 128.4691
Hunter-Lab	48.3169, 69.6941, 30.8870

Details

The Hex color **FD3403** 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 **03CCFD**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF743F**, and **BA0000** is the 20% darker color. If you saturate the color by 10%, you get **FD3200**, and if you desaturate by 10%, it is **FD481C**.

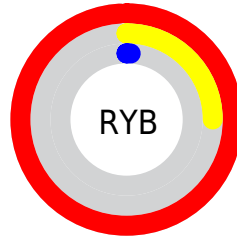
Distribution



Red (99%)

Green (20%)

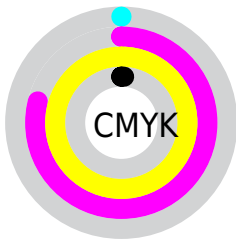
Blue (1%)



Red (99%)

Yellow (25%)

Blue (1%)

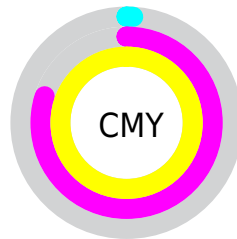


Cyan (0%)

Magenta (79%)

Yellow (99%)

Black (1%)



Cyan (1%)

Magenta (80%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD3403 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 FD3403 by changing the saturation by 10% instead.

 FD3403

 FD3403

FFFFFF

 DB0000

 FF743F

 BA0000

 FF9259

 990000

 FFAF73

 790000

 FFCD8E

 590002

 FFEBA9

 3B0003

 FFFFC5

 150000

 FFFF E2

 000000

 FD3403

 FD3403

■ FD3200

■ FD481C

■ FD5D36

■ FD714F

■ FD8568

■ FD9A82

■ FDAE9B

■ FDC2B4

■ FDD7CD

■ FDEBE7

Harmonies

Analogous

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



FF0065



FD3403



C96E00

Triad

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



FD3403



00A44E



0085FF

Complementary

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



FD3403



03CCFD

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.



009DFF



FD3403



00A7A9

Square

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



FD3403



009D00



00A6F9



B055FF

Rectangle

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



FD3403



9B8500



00A6F9



008FFF

Sweetspot

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



FD3403



FFC1B3



FD03CF



805B52



000000



808080

Same Dimension

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



FD3403



FF3200



FDAE03



807573



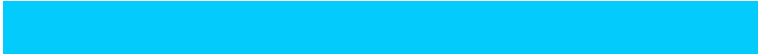
BF2500



400C00

Inverse Universe

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



03CCFD



00CDFF



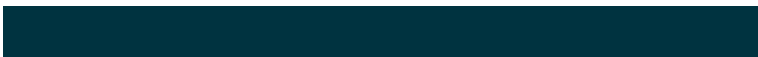
0352FD



737D80



009ABF



003340

Previews

White Background



This preview shows how the Hex color FD3403 looks on a white background.

Color Contrast Check

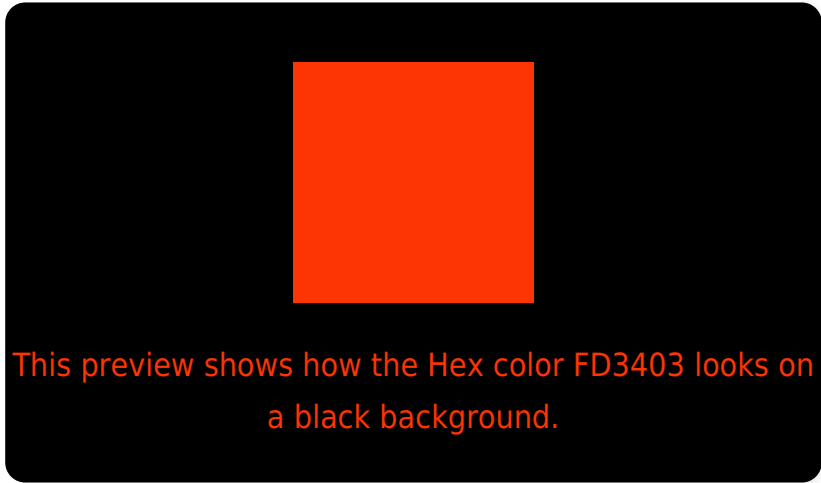
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD3403 Background



This preview shows how black text looks on a background with the Hex color FD3403.



This preview shows how white text looks on a background with the Hex color FD3403.

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



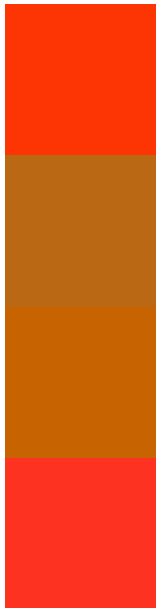
Original Color
FD3403

Protanopia
96851E

Deuteranopia
A87E00



Trichromacy



Original Color
FD3403

Protanomaly
BB6814

Deuteranomaly
C76301

Tritanomaly
FD3220

Monochromacy



Original Color
FD3403

Achromatopsia
6B6B6B

Achromatomaly
A05745

CSS Examples

Text

The CSS property to change the color of the text to Hex FD3403 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 #FD3403 looks like.

```
.text, #text, p{  
    color:#FD3403  
}
```

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 #FD3403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD3403
}
```

Border

The CSS property to change the border of an element to Hex FD3403 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
#FD3403 }
```

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

```
.border{ border-color:#FD3403 }
```

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

Here you see how a box with a 4 pixel #FD3403 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD3403; -webkit-box-shadow:4px 4px  
4px 4px #FD3403; box-shadow:4px 4px 4px  
4px #FD3403 }
```

Background

The CSS property to change the background color of an element to Hex FD3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD3403 }
```

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

```
.background{ background-color:#FD3403 }
```

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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