

Converting Colors

Hex(FD3042)

Have a look what the booklet for
Hex(FD3042) contains.

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Color

Hex(FD3042)

Conversions

Conversions Part 1

Format	Color
Hex	FD3042
RGB	253, 48, 66
RGB Percent	99%, 19%, 26%
CMY	0.0078, 0.8118, 0.7412
CMYK	0.00, 0.81, 0.74, 0.01
HSL	355°, 98%, 59%
HSV	355°, 81%, 99%
XYZ	42.5483, 23.3899, 7.4264
YIQ	111.3470, 116.4020, 49.0580

Conversions

Conversions Part 2

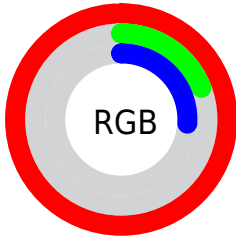
Format	Color
R _Y B	253, 48, 66
Decimal	16592962
CIE Lab	55.47, 74.42, 41.51
CIE LCh	55, 85.215, 29.153
Yxy	23.3899, 0.5800, 0.3188
Android (android.graphics.Color)	4294783042 (0xFFFD3042)
YUV	111.3470, -22.3561, 124.2297
Hunter-Lab	48.3631, 72.4032, 24.7499

Details

The Hex color **FD3042** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **30FDEB**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7372**, and **BB0017** is the 20% darker color. If you saturate the color by 10%, you get **FD172B**, and if you desaturate by 10%, it is **FD4959**.

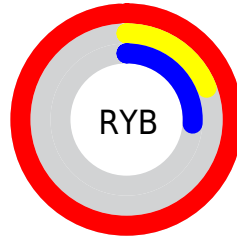
Distribution



Red (99%)

Green (19%)

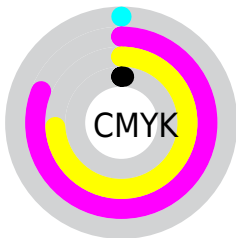
Blue (26%)



Red (99%)

Yellow (19%)

Blue (26%)

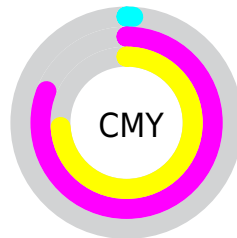


Cyan (0%)

Magenta (81%)

Yellow (74%)

Black (1%)



Cyan (1%)

Magenta (81%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD3042 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 FD3042 by changing the saturation by 10% instead.

 FD3042

 FD3042

FFFFFF

 DC002C

 FF7372

 BB0017

 FF918C

 9B0000

 FFAEA6

 7B0000

 FFCCC2

 5B0002

 FFEADE

 3D0003

 FFFFFA

 180001

 000000

 FD3042

 FD3042

■ FD172B

■ FD4959

■ FD0016

■ FD6370

■ FD7C87

■ FD959E

■ FDAFB5

■ FDC8CC

■ FDE1E4

■ FDFAFB

FDFFFF

Harmonies

Analogous

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



FF058A



FD3042



DA6100

Triad

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



FD3042



009F31



0090FF

Complementary

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



FD3042



30FDEB

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



FD3042



00A381

Square

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



FD3042



599500



00A4CC



7272FF

Rectangle

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



FD3042



B77800



00A4CC



0096FF

Sweetspot

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



FD3042



FFC2C7



E930FD



805B5E



000000



808080

Same Dimension

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



FD3042



FF081D



FD8230



807374



BF0011



400006

Inverse Universe

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



FD3042



FF081D



30ABFD



807374



BF0011



400006

Previews

White Background



This preview shows how the Hex color FD3042 looks on a white background.

Color Contrast Check

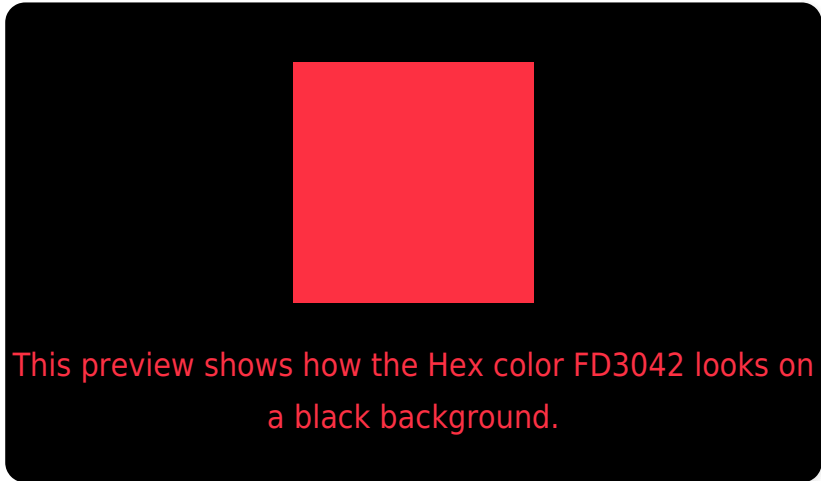
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD3042 Background



This preview shows how black text looks on a background with the Hex color FD3042.



This preview shows how white text looks on a background with the Hex color FD3042.

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
FD3042

Protanopia
90855E

Deuteranopia
A67F35

Trichromacy



Original Color
FD3042

Protanomaly
B86654

Deuteranomaly
C6623A

Tritanomaly
FD3238

Monochromacy



Original Color
FD3042

Achromatopsia
6F6F6F

Achromatomaly
A3585F

CSS Examples

Text

The CSS property to change the color of the text to Hex FD3042 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 #FD3042 looks like.

```
.text, #text, p{  
    color:#FD3042  
}
```

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 #FD3042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD3042
}
```

Border

The CSS property to change the border of an element to Hex FD3042 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
#FD3042 }
```

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

```
.border{ border-color:#FD3042 }
```

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

Here you see how a box with a 4 pixel #FD3042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD3042; -webkit-box-shadow:4px 4px  
4px 4px #FD3042; box-shadow:4px 4px 4px  
4px #FD3042 }
```

Background

The CSS property to change the background color of an element to Hex FD3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD3042 }
```

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

```
.background{ background-color:#FD3042 }
```

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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