

Converting Colors

Hex(FD432A)

Have a look what the booklet for
Hex(FD432A) contains.

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Color

Hex(FD432A)

Conversions

Conversions Part 1

Format	Color
Hex	FD432A
RGB	253, 67, 42
RGB Percent	99%, 26%, 16%
CMY	0.0078, 0.7373, 0.8353
CMYK	0.00, 0.74, 0.83, 0.01
HSL	7°, 98%, 58%
HSV	7°, 83%, 99%
XYZ	42.9331, 25.0641, 4.7655
YIQ	119.7640, 118.8810, 31.6570

Conversions

Conversions Part 2

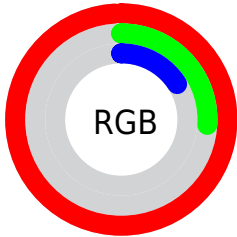
Format	Color
R_{YB}	253, 70, 42
Decimal	16597802
CIE _{Lab}	57.14, 68.39, 55.62
CIE _{LCh}	57, 88.149, 39.120
Yxy	25.0641, 0.5900, 0.3445
Android (android.graphics.Color)	4294787882 (0xFFFD432A)
YUV	119.7640, -38.3377, 116.8480
Hunter-Lab	50.0641, 65.4628, 29.4011

Details

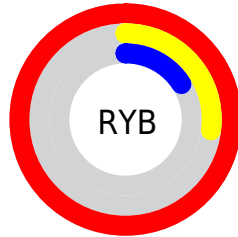
The Hex color **FD432A** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2AE4FD**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF7F5B**, and **BB0000** is the 20% darker color. If you saturate the color by 10%, you get **FD2D11**, and if you desaturate by 10%, it is **FD5943**.

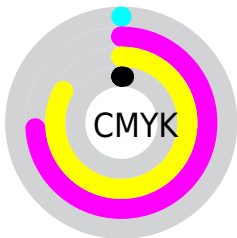
Distribution



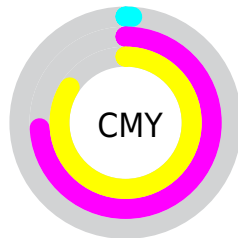
- Red (99%)
- Green (26%)
- Blue (16%)



- Red (99%)
- Yellow (27%)
- Blue (16%)



- Cyan (0%)
- Magenta (74%)
- Yellow (83%)
- Black (1%)



- Cyan (1%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD432A 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 FD432A by changing the saturation by 10% instead.

 FD432A

 FD432A

FFFFFF

 DC1D11

 FF7F5B

 BB0000

 FF9C75

 9B0000

 FFBA8F

 7B0000

 FFD7AA

 5B0001

 FFF5C5

 3E0003

 FFFFE2

 1A0001

 000000

 FD432A

 FD432A

■ FD2D11

■ FD5943

■ FD1E00

■ FD705D

■ FD8676

■ FD9C8F

■ FDB3A9

■ FDC9C2

■ FDDFDB

■ FDF5F4

FDFFFF

Harmonies

Analogous

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



FF0075



FD432A



D17100

Triad

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



FD432A



00A64E



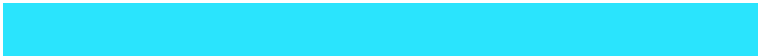
008CFF

Complementary

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



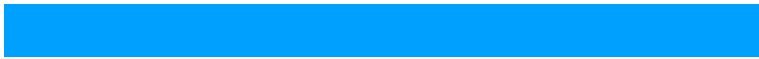
FD432A



2AE4FD

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.



00A0FF



FD432A



00A9A0

Square

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



FD432A



339E00



00A8E9



A467FF

Rectangle

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



FD432A



A88600



00A8E9



0094FF

Sweetspot

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



FD432A



FFC7BF



FD2AE4



805E59



000000



808080

Same Dimension

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



FD432A



FF1E00



FDAC2A



807473



BF1700



400800

Inverse Universe

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



2AE4FD



00E1FF



2A7BFD



737E80



00A9BF



003840

Previews

White Background



This preview shows how the Hex color FD432A looks on a white background.

Color Contrast Check

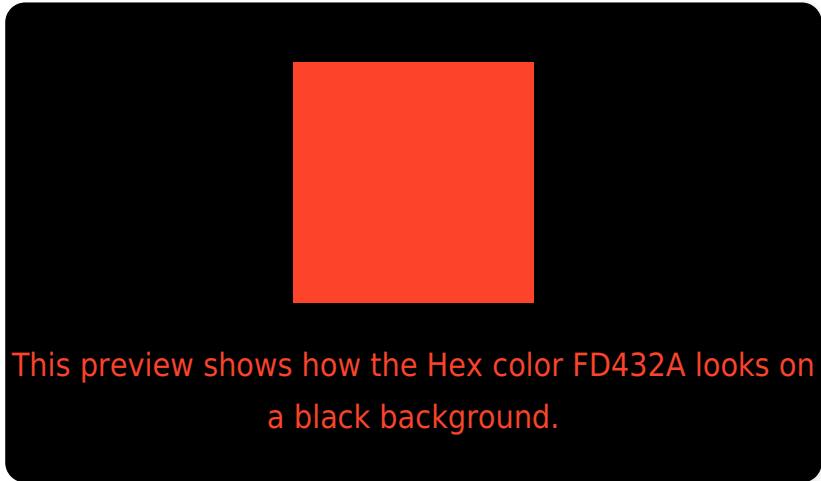
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD432A Background



This preview shows how black text looks on a background with the Hex color FD432A.



This preview shows how white text looks on a background with the Hex color FD432A.

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
FD432A

Protanopia
998A3C

Deuteranopia
AE8213

Trichromacy



Original Color
FD432A

Protanomaly
BD7035

Deuteranomaly
CB6B1B

Tritanomaly
FE4139

Monochromacy



Original Color
FD432A

Achromatopsia
787878

Achromatomaly
A8655C

CSS Examples

Text

The CSS property to change the color of the text to Hex FD432A 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 #FD432A looks like.

```
.text, #text, p{  
    color:#FD432A  
}
```

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 #FD432A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD432A
}
```

Border

The CSS property to change the border of an element to Hex FD432A 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".

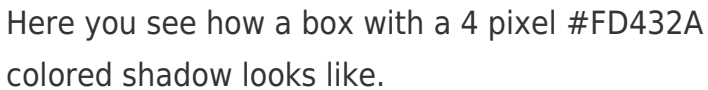
```
.border, #border, table{ border:4px solid
#FD432A }
```

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

```
.border{ border-color:#FD432A }
```

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

Here you see how a box with a 4 pixel #FD432A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD432A; -webkit-box-shadow:4px 4px  
4px 4px #FD432A; box-shadow:4px 4px 4px  
4px #FD432A }
```

Background

The CSS property to change the background color of an element to Hex FD432A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD432A }
```

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

```
.background{ background-color:#FD432A }
```

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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