

# Converting Colors

Hex(FF4230)

Have a look what the booklet for  
Hex(FF4230) contains.

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**Color**

**Hex(F4230)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4230
RGB	255, 66, 48
RGB Percent	100%, 26%, 19%
CMY	0.0000, 0.7412, 0.8118
CMYK	0.00, 0.74, 0.81, 0.00
HSL	5°, 100%, 59%
HSV	5°, 81%, 100%
XYZ	43.7217, 25.3698, 5.3888
YIQ	120.4590, 118.4220, 34.4700

# Conversions

## Conversions Part 2

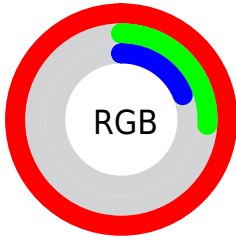
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 68, 48
Decimal	16728624
CIE <sub>Lab</sub>	57.43, 69.45, 53.18
CIE <sub>LCh</sub>	57, 87.470, 37.444
Yxy	25.3698, 0.5870, 0.3406
Android (android.graphics.Color)	4294918704 (0xFFFF4230)
YUV	120.4590, -35.7223, 117.9925
Hunter-Lab	50.3685, 66.7998, 28.9147

# Details

The Hex color **FF4230** 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 **30EDFF**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF7F61**, and **BD0000** is the 20% darker color. If you saturate the color by 10%, you get **FF2B17**, and if you desaturate by 10%, it is **FF594A**.

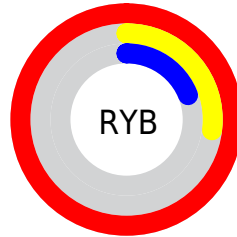
# Distribution



Red (100%)

Green (26%)

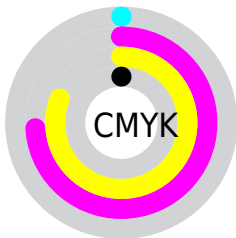
Blue (19%)



Red (100%)

Yellow (27%)

Blue (19%)

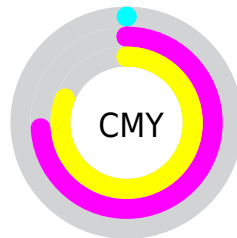


Cyan (0%)

Magenta (74%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (74%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF4230 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 FF4230 by changing the saturation by 10% instead.



 FF4230

 FF4230

FFFFFF

 DE1B18

 FF7F61

 BD0000

 FF9C7A

 9D0000

 FFB995

 7C0000

 FFD7B0

 5D0001

 FFF5CB

 400003

 FFFF E8

 1D0001

 000000

 FF4230

 FF4230

 FF2B17

 FF594A

 FF1600

 FF7163

 FF887D

 FF9F96

 FFB6B0

 FFCEC9

 FFE5E3

 FFFCFC

FFFFFF

# Harmonies

## Analogous

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



FF057B



FF4230



D46F00

# Triad

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



FF4230



00A74B



008EFF

# Complementary

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



FF4230



30EDFF

# 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



FF4230



00AA9C

# Square

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



FF4230



3D9E00



00A9E6



9E6BFF

# Rectangle

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



FF4230



AD8500



00A9E6



0096FF



# Sweetspot

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



FF4230



FFC7C2



FF30EE



805E5B



000000



808080



# Same Dimension

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



FF4230



FF1D08



FFA930



807473



BF1100

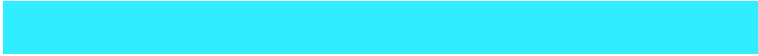


400600



# Inverse Universe

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



30EDFF



08E9FF



3086FF



737E80



00AFBF



003A40



# Previews

## White Background



This preview shows how the Hex color FF4230 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 FF4230 Background



This preview shows how black text looks on a background with the Hex color FF4230.

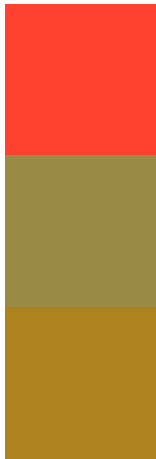


This preview shows how white text looks on a background with the Hex color FF4230.

# 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**  
FF4230

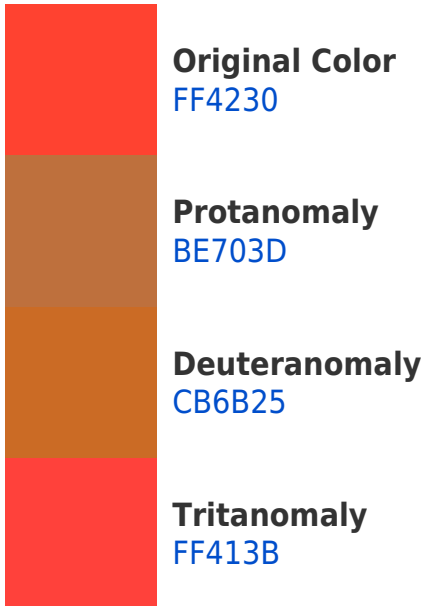
**Protanopia**  
998A44

**Deuteranopia**  
AE831E

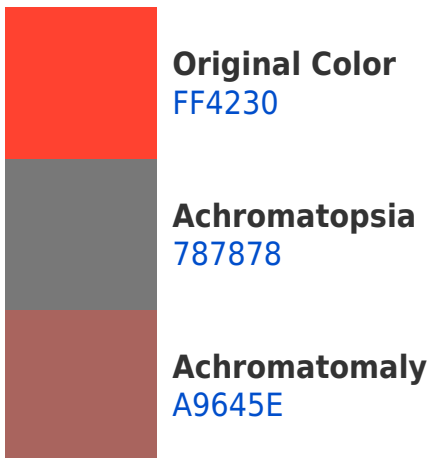


**Tritanopia**  
FF4042

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF4230 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 #FF4230 looks like.

```
.text, #text, p{  
    color:#FF4230  
}
```

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 #FF4230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4230
}
```

## Border

The CSS property to change the border of an element to Hex FF4230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

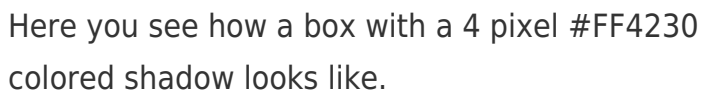
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF4230 }
```

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

```
.border{ border-color:#FF4230 }
```

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



Here you see how a box with a 4 pixel #FF4230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4230; -webkit-box-shadow:4px 4px  
4px 4px #FF4230; box-shadow:4px 4px 4px  
4px #FF4230 }
```

# Background

The CSS property to change the background color of an element to Hex FF4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4230 }
```

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

```
.background{ background-color:#FF4230 }
```

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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