

# Converting Colors

Hex(F44431)

Have a look what the booklet for  
Hex(F44431) contains.

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**Color**

**Hex(F44431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F44431
RGB	244, 68, 49
RGB Percent	96%, 27%, 19%
CMY	0.0431, 0.7333, 0.8078
CMYK	0.00, 0.72, 0.80, 0.04
HSL	6°, 90%, 57%
HSV	6°, 80%, 96%
XYZ	39.9297, 23.5891, 5.3543
YIQ	118.4580, 110.9950, 31.4030

# Conversions

## Conversions Part 2

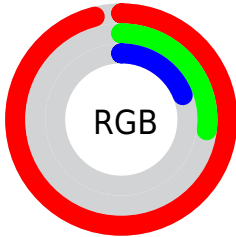
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 70, 49
Decimal	16008241
CIE <sub>Lab</sub>	55.67, 65.54, 50.30
CIE <sub>LCh</sub>	56, 82.615, 37.509
Yxy	23.5891, 0.5798, 0.3425
Android (android.graphics.Color)	4294198321 (0xFFFF44431)
YUV	118.4580, -34.2428, 110.1003
Hunter-Lab	48.5686, 61.7552, 27.4617

# Details

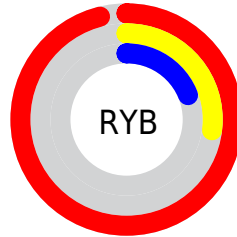
The Hex color **F44431** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **31E1F4**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7F61**, and **B30001** is the 20% darker color. If you saturate the color by 10%, you get **F42E19**, and if you desaturate by 10%, it is **F45A49**.

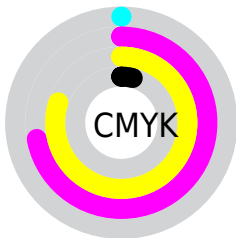
# Distribution



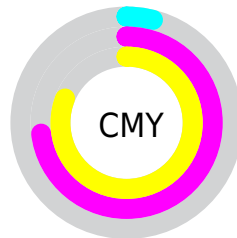
- Red (96%)
- Green (27%)
- Blue (19%)



- Red (96%)
- Yellow (27%)
- Blue (19%)



- Cyan (0%)
- Magenta (72%)
- Yellow (80%)
- Black (4%)



- Cyan (4%)
- Magenta (73%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F44431 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 F44431 by changing the saturation by 10% instead.



 F44431

 F44431

FFFFFF

 D3211A

 FF7F61

 B30001

 FF9C7B

 930000

 FFB995

 730000

 FFD6B0

 540001

 FFF4CC

 370002

 FFFFE8

 0A0000

 000000

 F44431

 F44431

 F42E19

 F45A49

 F41800

 F47062

 F4867A

 F49C93

 F4B2AB

 F4C8C3

 F4DEDC

 F4F4F4

 F4FFFF

# Harmonies

## Analogous

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



FF1B77



F44431



CC6D00

# Triad

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



F44431



00A14A



0089FF

# Complementary

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



F44431



31E1F4

# 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.



009CFF



F44431



00A496

# Square

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



F44431



3F9800



00A3DC



9968F9

# Rectangle

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



F44431



A78100



00A3DC



0091FF



# Sweetspot

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



F44431



FFC8C2



F431E4



805E5B



000000



808080



# Same Dimension

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



F44431



FF220A



F4A331



7A6F6E



BA1200



3B0600



# Inverse Universe

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



31E1F4



0AE7FF



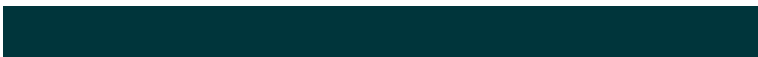
3182F4



6E797A



00A8BA



00353B



# Previews

## White Background



This preview shows how the Hex color F44431 looks on a white background.

## Color Contrast Check

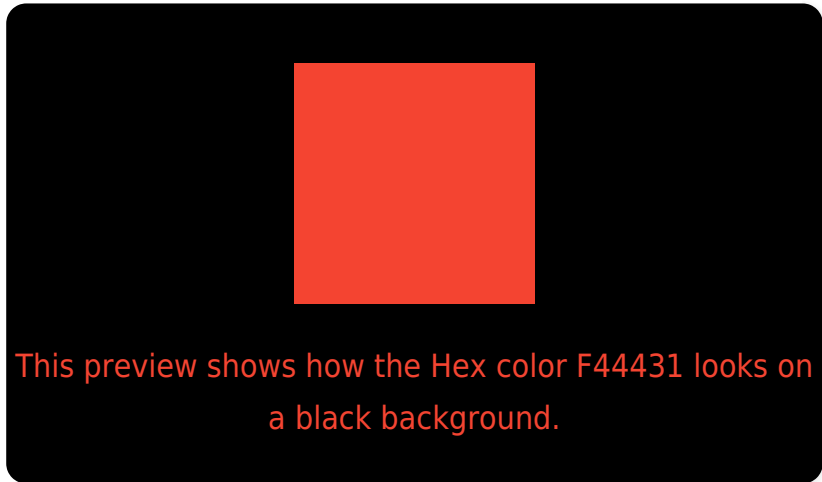
Large Text (above 18pt) WCAG AA ✓ Pass

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 F44431 Background



This preview shows how black text looks on a background with the Hex color F44431.



This preview shows how white text looks on a background with the Hex color F44431.

# 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**  
F44431

**Protanopia**  
948644

**Deuteranopia**  
A87F22



**Tritanopia**  
F54244

# Trichromacy



**Original Color**  
F44431

**Protanomaly**  
B76E3D

**Deuteranomaly**  
C46A27

**Tritanomaly**  
F5433D

# Monochromacy



**Original Color**  
F44431

**Achromatopsia**  
767676

**Achromatomaly**  
A4645D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F44431 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 #F44431 looks like.

```
.text, #text, p{  
  color:#F44431  
}
```

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 #F44431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F44431
}
```

## Border

The CSS property to change the border of an element to Hex F44431 is called "border". The border property can be set on classes, ids or directly on the HTML element.

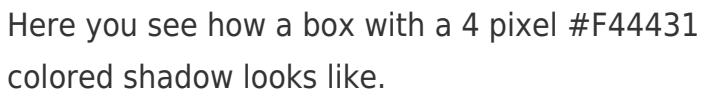
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F44431 }
```

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

```
.border{ border-color:#F44431 }
```

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



Here you see how a box with a 4 pixel #F44431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F44431; -webkit-box-shadow:4px 4px  
4px 4px #F44431; box-shadow:4px 4px 4px  
4px #F44431 }
```

# Background

The CSS property to change the background color of an element to Hex F44431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F44431 }
```

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

```
.background{ background-color:#F44431 }
```

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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