

# Converting Colors

Hex(FE441B)

Have a look what the booklet for  
Hex(FE441B) contains.

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**Color**

**Hex(FE441B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE441B
RGB	254, 68, 27
RGB Percent	100%, 27%, 11%
CMY	0.0039, 0.7333, 0.8941
CMYK	0.00, 0.73, 0.89, 0.00
HSL	11°, 99%, 55%
HSV	11°, 89%, 100%
XYZ	43.1380, 25.2842, 3.6436
YIQ	118.9400, 124.0170, 26.6810

# Conversions

## Conversions Part 2

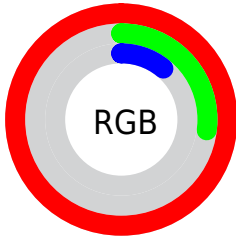
Format	Color
<a href="#">RYB</a>	<a href="#">254, 77, 27</a>
Decimal	<a href="#">16663579</a>
CIELab	<a href="#">57.35, 68.08, 62.02</a>
CIELCh	<a href="#">57, 92.091, 42.333</a>
Yxy	<a href="#">25.2842, 0.5986, 0.3508</a>
Android (android.graphics.Color)	<a href="#">4294853659 (0xFFFE441B)</a>
YUV	<a href="#">118.9400, -45.3264, 118.4476</a>
Hunter-Lab	<a href="#">50.2834, 65.1387, 30.9021</a>

# Details

The Hex color **FE441B** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **1BD5FE**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF804E**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FE2F02**, and if you desaturate by 10%, it is **FE5934**.

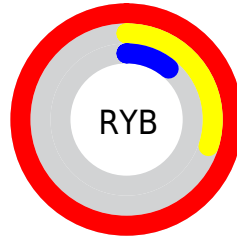
# Distribution



Red (100%)

Green (27%)

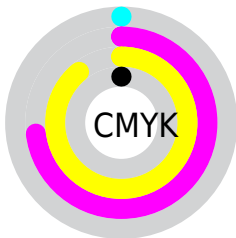
Blue (11%)



Red (100%)

Yellow (30%)

Blue (11%)

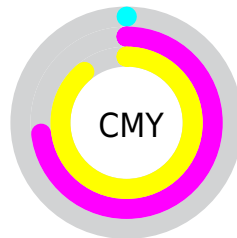


Cyan (0%)

Magenta (73%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE441B 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 FE441B by changing the saturation by 10% instead.



 FE441B

 FE441B

FFFFFF

 DD1F00

 FF804E

 BC0000

 FF9D68

 9B0000

 FFBA82

 7B0000

 FFD89D

 5C0001

 FFF6B9

 3E0003

 FFFFD5

 1B0001

 FFFFF2

 000000

 FE441B

 FE441B

 FE2F02

 FE5934

 FE2E00

 FE6E4E

 FE8267

 FE9781

 FEAC9A

 FEC1B3

 FED6CD

 FEEAE6

FEFFFF

# Harmonies

## Analogous

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



FF006D



FE441B



CD7400

# Triad

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



FE441B



00A855



008AFF

# Complementary

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



FE441B



1BD5FE

# 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



FE441B



00ABAA

# Square

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



FE441B



08A100



00AAF6



B260FF

# Rectangle

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



FE441B



A28900



00AAF6



0093FF



# Sweetspot

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



FE441B



FFC7BA



FE1BD8



805E57



000000



808080



# Same Dimension

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



FE441B



FF2E00



FEB21B



807573



BF2300

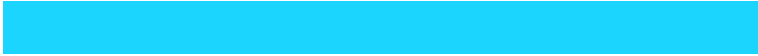


400C00



# Inverse Universe

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



1BD5FE



00D1FF



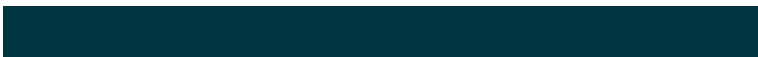
1B67FE



737D80



009DBF



003440



# Previews

## White Background



This preview shows how the Hex color FE441B looks on a white background.

## Color Contrast Check

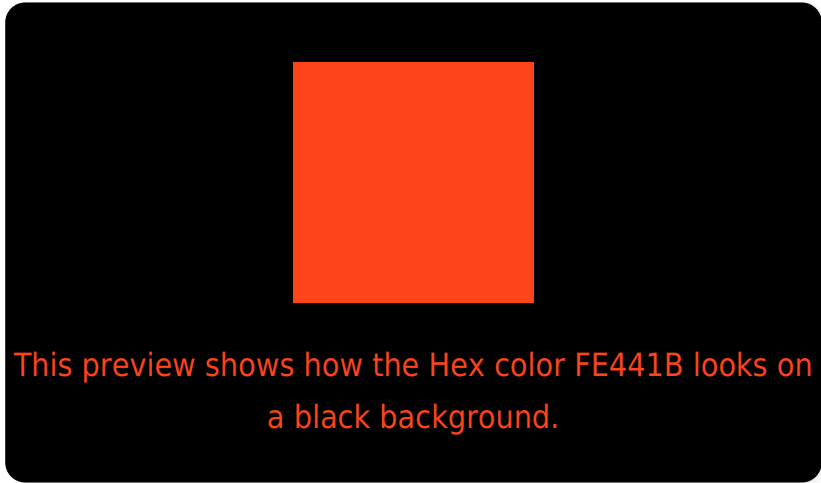
Large Text (above 18pt) WCAG AA ✓ Pass

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 FE441B Background



This preview shows how black text looks on a background with the Hex color FE441B.



This preview shows how white text looks on a background with the Hex color FE441B.

# 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**  
FE441B

**Protanopia**  
9B8A2C

**Deuteranopia**  
AE8300



**Tritanopia**  
FF4042

# Trichromacy



**Original Color**  
FE441B

**Protanomaly**  
BF7126

**Deuteranomaly**  
CB6C0A

**Tritanomaly**  
FF4134

# Monochromacy



**Original Color**  
FE441B

**Achromatopsia**  
777777

**Achromatomaly**  
A86456

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE441B 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 #FE441B looks like.

```
.text, #text, p{  
    color:#FE441B  
}
```

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 #FE441B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE441B
}
```

## Border

The CSS property to change the border of an element to Hex FE441B 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
#FE441B }
```

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

```
.border{ border-color:#FE441B }
```

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

Here you see how a box with a 4 pixel #FE441B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE441B; -webkit-box-shadow:4px 4px  
4px 4px #FE441B; box-shadow:4px 4px 4px  
4px #FE441B }
```

# Background

The CSS property to change the background color of an element to Hex FE441B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE441B }
```

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

```
.background{ background-color:#FE441B }
```

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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