

Converting Colors

Hex(FF462F)

Have a look what the booklet for
Hex(FF462F) contains.

Hex(FF462F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F462F)

Conversions

Conversions Part 1

Format	Color
Hex	FF462F
RGB	255, 70, 47
RGB Percent	100%, 27%, 18%
CMY	0.0000, 0.7255, 0.8157
CMYK	0.00, 0.73, 0.82, 0.00
HSL	7°, 100%, 59%
HSV	7°, 82%, 100%
XYZ	43.9432, 25.8456, 5.3619
YIQ	122.6930, 117.6430, 32.0670

Conversions

Conversions Part 2

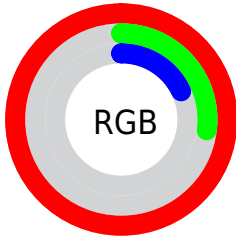
Format	Color
R_{YB}	255, 73, 47
Decimal	16729647
CIE _{Lab}	57.89, 68.13, 54.09
CIE _{LCh}	58, 86.991, 38.446
Yxy	25.8456, 0.5847, 0.3439
Android (android.graphics.Color)	4294919727 (0xFFFF462F)
YUV	122.6930, -37.3166, 116.0332
Hunter-Lab	50.8385, 65.3225, 29.3336

Details

The Hex color **FF462F** 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 **2FE8FF**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF8260**, and **BD0000** is the 20% darker color. If you saturate the color by 10%, you get **FF2F16**, and if you desaturate by 10%, it is **FF5D49**.

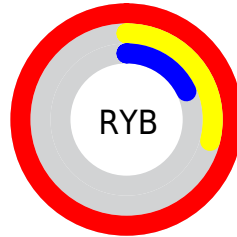
Distribution



Red (100%)

Green (27%)

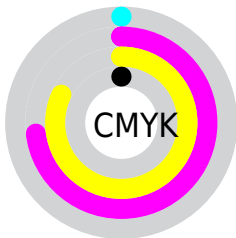
Blue (18%)



Red (100%)

Yellow (29%)

Blue (18%)

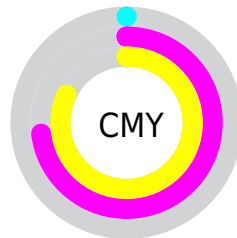


Cyan (0%)

Magenta (73%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF462F 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 FF462F by changing the saturation by 10% instead.

 FF462F

 FF462F

FFFFFF

 DE2217

 FF8260

 BD0000

 FF9F79

 9D0000

 FFBC94

 7D0000

 FFDAAF

 5D0001

 FFF8CB

 400003

 FFFFE7

 1D0001

 000000

 FF462F

 FF462F

■ FF2F16

■ FF5D49

■ FF1C00

■ FF7362

■ FF8A7C

■ FFA195

■ FFB7AF

■ FFCEC8

■ FFE5E2

■ FFFBFB

FFFFFF

Harmonies

Analogous

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



FF1179



FF462F



D47200

Triad

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



FF462F



00A84F



008EFF

Complementary

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



FF462F



2FE8FF

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



FF462F



00AB9F

Square

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



FF462F



3BA000



00AAE9



A46BFF

Rectangle

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



FF462F



AC8700



00AAE9



0097FF

Sweetspot

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



FF462F



FFC9C2



FF2FEA



805F5B



000000



808080

Same Dimension

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



FF462F



FF2105



FFAC2F



807473



BF1500



400700

Inverse Universe

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



2FE8FF



05E3FF



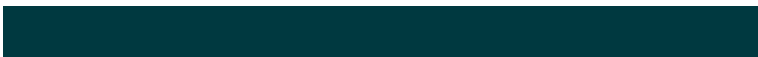
2F82FF



737E80



00AABF



003940

Previews

White Background



This preview shows how the Hex color FF462F looks on a white background.

Color Contrast Check

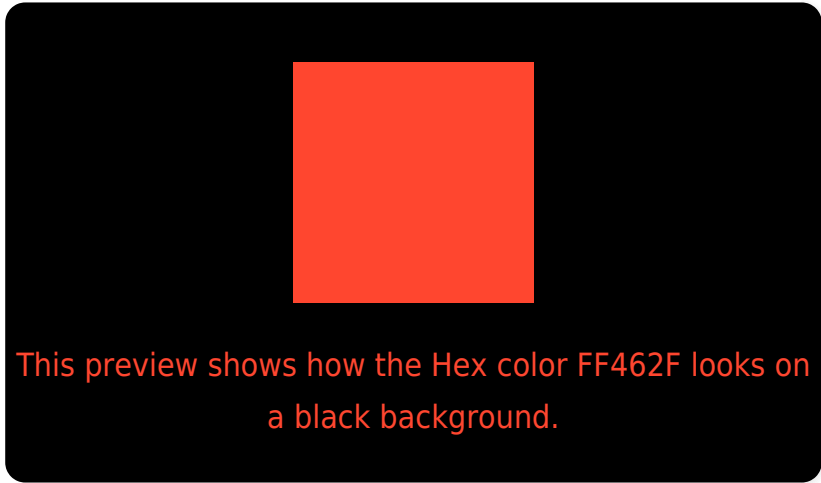
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF462F Background



This preview shows how black text looks on a background with the Hex color FF462F.



This preview shows how white text looks on a background with the Hex color FF462F.

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
FF462F

Protanopia
9A8C42

Deuteranopia
B0841C



Tritanopia
FF4446

Trichromacy



Original Color
FF462F

Protanomaly
BF733B

Deuteranomaly
CD6D23

Tritanomaly
FF453E

Monochromacy



Original Color
FF462F

Achromatopsia
7B7B7B

Achromatomaly
AB685F

CSS Examples

Text

The CSS property to change the color of the text to Hex FF462F 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 #FF462F looks like.

```
.text, #text, p{  
  color:#FF462F  
}
```

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 #FF462F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF462F
}
```

Border

The CSS property to change the border of an element to Hex FF462F 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".

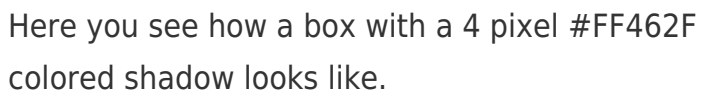
```
.border, #border, table{ border:4px solid
#FF462F }
```

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

```
.border{ border-color:#FF462F }
```

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

Here you see how a box with a 4 pixel #FF462F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF462F; -webkit-box-shadow:4px 4px  
4px 4px #FF462F; box-shadow:4px 4px 4px  
4px #FF462F }
```

Background

The CSS property to change the background color of an element to Hex FF462F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF462F }
```

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

```
.background{ background-color:#FF462F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor