

Converting Colors

Hex(FF412F)

Have a look what the booklet for
Hex(FF412F) contains.

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Color

Hex(F412F)

Conversions

Conversions Part 1

Format	Color
Hex	FF412F
RGB	255, 65, 47
RGB Percent	100%, 25%, 18%
CMY	0.0000, 0.7451, 0.8157
CMYK	0.00, 0.75, 0.82, 0.00
HSL	5°, 100%, 59%
HSV	5°, 82%, 100%
XYZ	43.6434, 25.2458, 5.2620
YIQ	119.7580, 119.0180, 34.6820

Conversions

Conversions Part 2

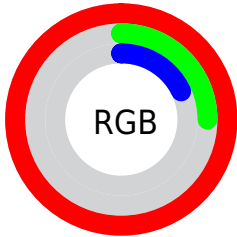
Format	Color
R_{YB}	255, 67, 47
Decimal	16728367
CIE _{Lab}	57.31, 69.73, 53.55
CIE _{LCh}	57, 87.924, 37.524
Yxy	25.2458, 0.5886, 0.3405
Android (android.graphics.Color)	4294918447 (0xFFFF412F)
YUV	119.7580, -35.8697, 118.6072
Hunter-Lab	50.2452, 67.1173, 28.9624

Details

The Hex color **FF412F** 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 **2FEDFF**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF7E60**, and **BD0000** is the 20% darker color. If you saturate the color by 10%, you get **FF2A16**, and if you desaturate by 10%, it is **FF5849**.

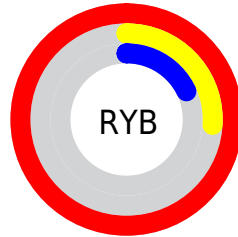
Distribution



Red (100%)

Green (25%)

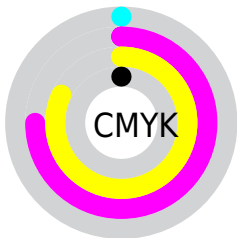
Blue (18%)



Red (100%)

Yellow (26%)

Blue (18%)

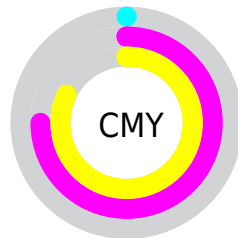


Cyan (0%)

Magenta (75%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF412F 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 FF412F by changing the saturation by 10% instead.

 FF412F

 FF412F

FFFFFF

 DE1917

 FF7E60

 BD0000

 FF9B79

 9D0000

 FFB993

 7C0000

 FFD6AE

 5D0001

 FFF4CA

 400003

 FFFFE7

 1C0001

 000000

 FF412F

 FF412F

 FF2A16

 FF5849

 FF1600

 FF7062

 FF877C

 FF9E95

 FFB5AF

 FFCDC8

 FFE4E2

 FFFBFB

FFFFFF

Harmonies

Analogous

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



FF007A



FF412F



D46F00

Triad

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



FF412F



00A64A



008EFF

Complementary

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



FF412F



2FEDFF

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.



00A1FF



FF412F



00AA9C

Square

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



FF412F



3C9E00



00A9E6



9E6AFF

Rectangle

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



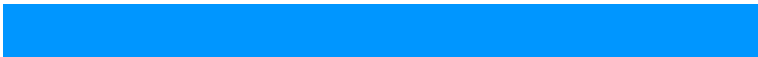
FF412F



AC8500



00A9E6



0096FF

Sweetspot

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



FF412F



FFC7C2



FF2FEE



805E5B



000000



808080

Same Dimension

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



FF412F



FF1B05



FFA82F



807473



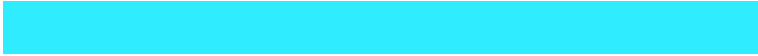
BF1100



400600

Inverse Universe

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



2FEDFF



05E9FF



2F86FF



737E80



00AFBF



003A40

Previews

White Background



This preview shows how the Hex color FF412F looks on a white background.

Color Contrast Check

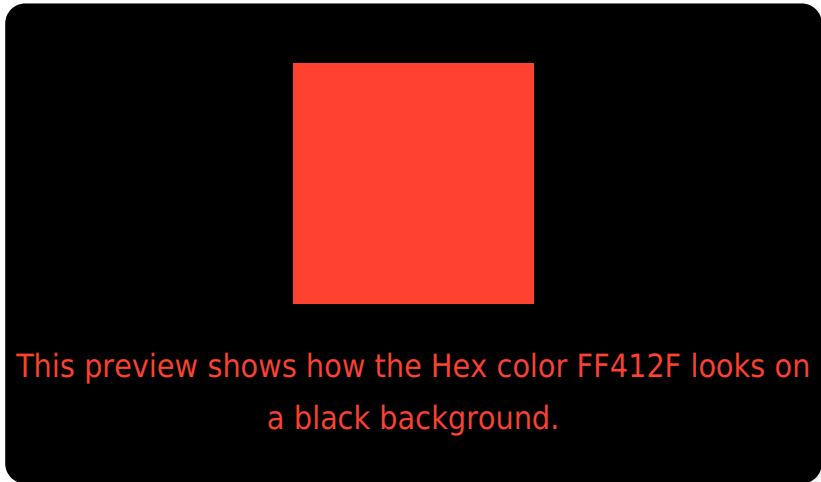
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF412F Background



This preview shows how black text looks on a background with the Hex color FF412F.



This preview shows how white text looks on a background with the Hex color FF412F.

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
FF412F

Protanopia
998A43

Deuteranopia
AE831C



Tritanopia
FF3F41

Trichromacy



Original Color
FF412F

Protanomaly
BE6F3C

Deuteranomaly
CB6B23

Tritanomaly
FF403A

Monochromacy



Original Color
FF412F

Achromatopsia
787878

Achromatomaly
A9645D

CSS Examples

Text

The CSS property to change the color of the text to Hex FF412F 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 #FF412F looks like.

```
.text, #text, p{  
    color:#FF412F  
}
```

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 #FF412F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF412F
}
```

Border

The CSS property to change the border of an element to Hex FF412F 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".

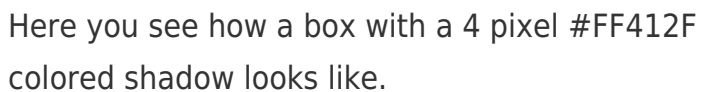
```
.border, #border, table{ border:4px solid
#FF412F }
```

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

```
.border{ border-color:#FF412F }
```

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

Here you see how a box with a 4 pixel #FF412F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF412F; -webkit-box-shadow:4px 4px  
4px 4px #FF412F; box-shadow:4px 4px 4px  
4px #FF412F }
```

Background

The CSS property to change the background color of an element to Hex FF412F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF412F }
```

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

```
.background{ background-color:#FF412F }
```

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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