

Converting Colors

Hex(F413E)

Have a look what the booklet for
Hex(FF413E) contains.

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Color

Hex(F413E)

Conversions

Conversions Part 1

Format	Color
Hex	FF413E
RGB	255, 65, 62
RGB Percent	100%, 25%, 24%
CMY	0.0000, 0.7451, 0.7569
CMYK	0.00, 0.75, 0.76, 0.00
HSL	1°, 100%, 62%
HSV	1°, 76%, 100%
XYZ	43.9998, 25.3884, 7.1388
YIQ	121.4680, 114.2030, 39.3470

Conversions

Conversions Part 2

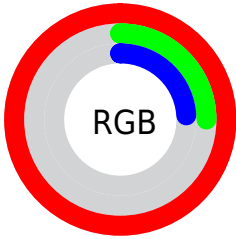
Format	Color
R_{YB}	255, 65, 62
Decimal	16728382
CIE _{Lab}	57.45, 70.19, 45.99
CIE _{LCh}	57, 83.914, 33.238
Yxy	25.3884, 0.5750, 0.3318
Android (android.graphics.Color)	4294918462 (0xFFFF413E)
YUV	121.4680, -29.3177, 117.1076
Hunter-Lab	50.3869, 67.6961, 26.8706

Details

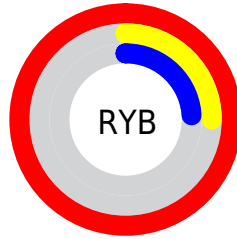
The Hex color **FF413E** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **3EFCFF**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF7E6F**, and **BE0011** is the 20% darker color. If you saturate the color by 10%, you get **FF2824**, and if you desaturate by 10%, it is **FF5A58**.

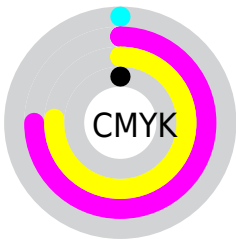
Distribution



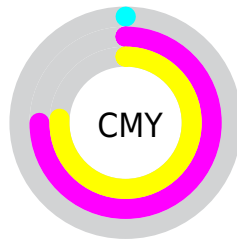
- Red (100%)
- Green (25%)
- Blue (24%)



- Red (100%)
- Yellow (25%)
- Blue (24%)



- Cyan (0%)
- Magenta (75%)
- Yellow (76%)
- Black (0%)



- Cyan (0%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF413E 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 FF413E by changing the saturation by 10% instead.

 FF413E

 FF413E

FFFFFF

 DE1827

 FF7E6F

 BE0011

 FF9C88

 9D0000

 FFB9A3

 7D0000

 FFD7BE

 5E0001

 FFF5DA

 400003

 FFFFF7

 1E0001

 000000

 FF413E

 FF413E

 FF2824

 FF5A58

 FF0F0B

 FF7371

 FF0400

 FF8C8B

 FFA5A4

 FFBFBE

 FFD8D7

 FFF1F1

FFFFFF

Harmonies

Analogous

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



FF1F85



FF413E



D96C00

Triad

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



FF413E



00A542



0091FF

Complementary

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



FF413E



3EFCFF

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



FF413E



00A990

Square

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



FF413E



539C00



00A9D9



8D72FF

Rectangle

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



FF413E



B58100



00A9D9



0098FF

Sweetspot

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



FF413E



FFC5C4



FF3EFF



805C5C



000000



808080

Same Dimension

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



FF413E



FF1B17



FF9F3E



807373



BF0300



400100

Inverse Universe

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



3EFCFF



17FBFF



3E9FFF



737F80



00BCBF



003F40

Previews

White Background



This preview shows how the Hex color FF413E looks on a white background.

Color Contrast Check

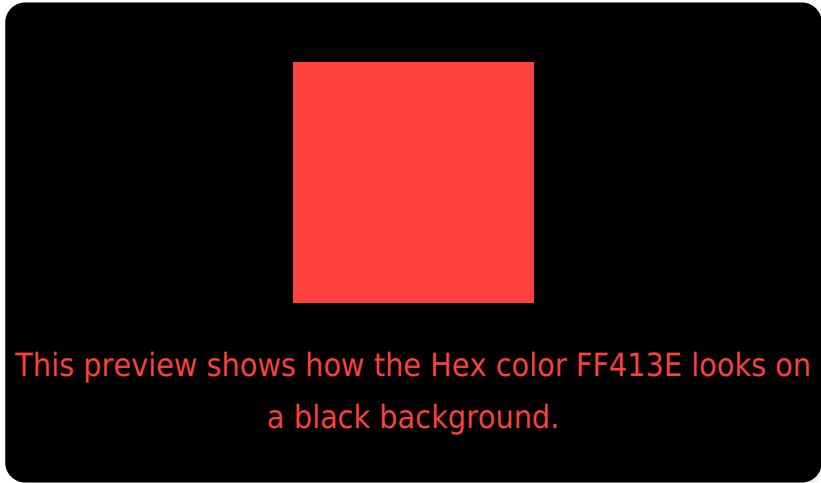
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF413E Background



This preview shows how black text looks on a background with the Hex color FF413E.

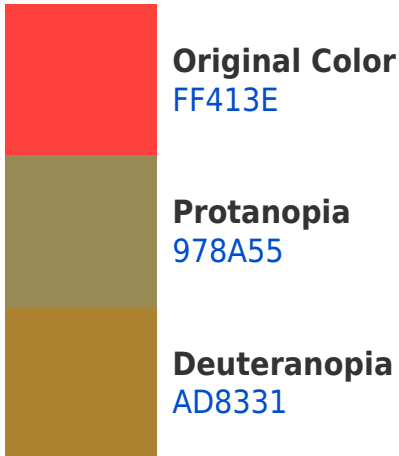


This preview shows how white text looks on a background with the Hex color FF413E.

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





Tritanopia
FF4143

Trichromacy



Original Color
FF413E

Protanomaly
BD6F4D

Deuteranomaly
CB6B36

Tritanomaly
FF4141

Monochromacy



Original Color
FF413E

Achromatopsia
797979

Achromatomaly
AA6564

CSS Examples

Text

The CSS property to change the color of the text to Hex FF413E 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 #FF413E looks like.

```
.text, #text, p{  
    color:#FF413E  
}
```

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 #FF413E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF413E
}
```

Border

The CSS property to change the border of an element to Hex FF413E 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".

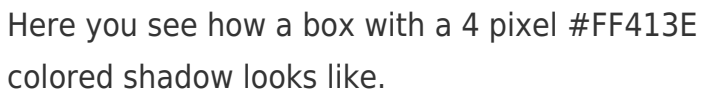
```
.border, #border, table{ border:4px solid
#FF413E }
```

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

```
.border{ border-color:#FF413E }
```

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

Here you see how a box with a 4 pixel #FF413E colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF413E; -webkit-box-shadow:4px 4px  
4px 4px #FF413E; box-shadow:4px 4px 4px  
4px #FF413E }
```

Background

The CSS property to change the background color of an element to Hex FF413E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF413E }
```

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

```
.background{ background-color:#FF413E }
```

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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