

# Converting Colors

Hex(FF423D)

Have a look what the booklet for  
Hex(FF423D) contains.

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**Color**

**Hex(F423D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF423D
RGB	255, 66, 61
RGB Percent	100%, 26%, 24%
CMY	0.0000, 0.7412, 0.7608
CMYK	0.00, 0.74, 0.76, 0.00
HSL	2°, 100%, 62%
HSV	2°, 76%, 100%
XYZ	44.0305, 25.4934, 7.0149
YIQ	121.9410, 114.2490, 38.5130

# Conversions

## Conversions Part 2

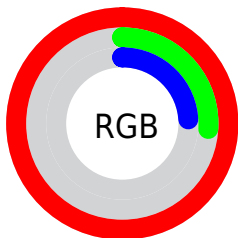
Format	Color
R <sub>Y</sub> B	255, 66, 61
Decimal	16728637
CIE Lab	57.55, 69.84, 46.64
CIE LCh	58, 83.981, 33.734
Yxy	25.4934, 0.5753, 0.3331
Android (android.graphics.Color)	4294918717 (0xFFFF423D)
YUV	121.9410, -30.0439, 116.6927
Hunter-Lab	50.4909, 67.3014, 27.1062

# Details

The Hex color **FF423D** 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 **3DFAFF**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF7F6E**, and **BE0010** is the 20% darker color. If you saturate the color by 10%, you get **FF2923**, and if you desaturate by 10%, it is **FF5B57**.

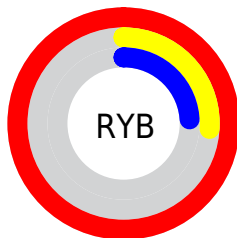
# Distribution



Red (100%)

Green (26%)

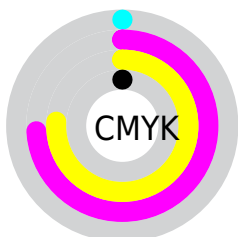
Blue (24%)



Red (100%)

Yellow (26%)

Blue (24%)

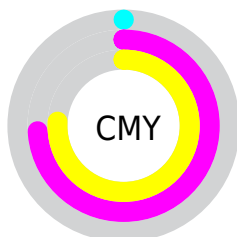


Cyan (0%)

Magenta (74%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (74%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF423D 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 FF423D by changing the saturation by 10% instead.



 FF423D

 FF423D

FFFFFF

 DE1A26

 FF7F6E

 BE0010

 FF9C87

 9D0000

 FFBAA2

 7D0000

 FFD7BD

 5E0001

 FFF5D9

 400003

 FFFFF6

 1E0001

 000000

 FF423D

 FF423D

 FF2923

 FF5B57

 FF100A

 FF7470

 FF0700

 FF8D8A

 FFA5A3

 FFBEBD

 FFD7D6

 FFF0F0

FFFFFF

# Harmonies

## Analogous

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



FF1F84



FF423D



D96D00

# Triad

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



FF423D



00A544



0091FF

# Complementary

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



FF423D



3DFAFF

# 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



FF423D



00A992

# Square

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



FF423D



519C00



00A9DB



9072FF

# Rectangle

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



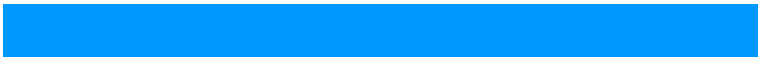
FF423D



B48200



00A9DB



0098FF



# Sweetspot

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



FF423D



FFC6C4



FF3DFC



805D5C



000000



808080



# Same Dimension

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



FF423D



FF1D17



FFA13D



807373



BF0500



400200



# Inverse Universe

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



3DFAFF



17F9FF



3D9BFF



737F80



00BABF



003E40



# Previews

## White Background



This preview shows how the Hex color FF423D 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 FF423D Background



This preview shows how black text looks on a background with the Hex color FF423D.

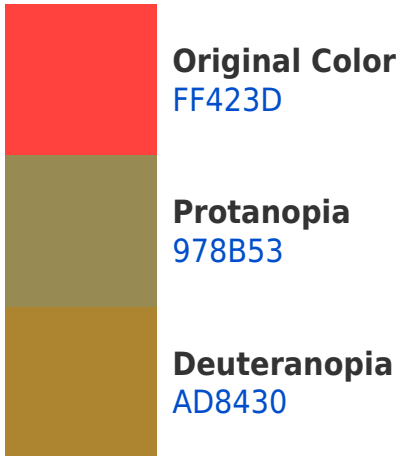


This preview shows how white text looks on a background with the Hex color FF423D.

# 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**  
FF4144

# Trichromacy



**Original Color**  
FF423D

**Protanomaly**  
BD704B

**Deuteranomaly**  
CB6C35

**Tritanomaly**  
FF4141

# Monochromacy



**Original Color**  
FF423D

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
AA6664

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF423D 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 #FF423D looks like.

```
.text, #text, p{  
    color:#FF423D  
}
```

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 #FF423D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF423D
}
```

## Border

The CSS property to change the border of an element to Hex FF423D 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
#FF423D }
```

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

```
.border{ border-color:#FF423D }
```

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

Here you see how a box with a 4 pixel #FF423D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF423D; -webkit-box-shadow:4px 4px  
4px 4px #FF423D; box-shadow:4px 4px 4px  
4px #FF423D }
```

# Background

The CSS property to change the background color of an element to Hex FF423D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF423D }
```

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

```
.background{ background-color:#FF423D }
```

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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