

Converting Colors

Hex(F83A46)

Have a look what the booklet for
Hex(F83A46) contains.

Hex(F83A46)	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(F83A46)

Conversions

Conversions Part 1

Format	Color
Hex	F83A46
RGB	248, 58, 70
RGB Percent	97%, 23%, 27%
CMY	0.0275, 0.7725, 0.7255
CMYK	0.00, 0.77, 0.72, 0.03
HSL	356°, 93%, 60%
HSV	356°, 77%, 97%
XYZ	41.3299, 23.4248, 8.1375
YIQ	116.1780, 109.3880, 44.0120

Conversions

Conversions Part 2

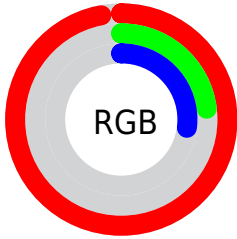
Format	Color
R_{YB}	248, 58, 70
Decimal	16267846
CIE _{Lab}	55.51, 70.58, 39.04
CIE _{LCh}	56, 80.661, 28.951
Yxy	23.4248, 0.5670, 0.3214
Android (android.graphics.Color)	4294457926 (0xFFFF83A46)
YUV	116.1780, -22.7658, 115.6079
Hunter-Lab	48.3991, 67.7297, 23.9108

Details

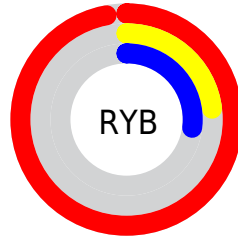
The Hex color **F83A46** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **3AF8EC**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF7877**, and **B7001A** is the 20% darker color. If you saturate the color by 10%, you get **F8212F**, and if you desaturate by 10%, it is **F8535D**.

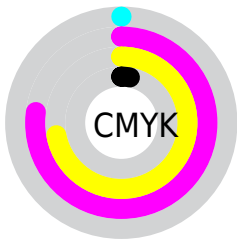
Distribution



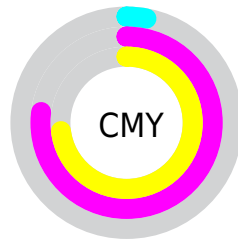
- Red (97%)
- Green (23%)
- Blue (27%)



- Red (97%)
- Yellow (23%)
- Blue (27%)



- Cyan (0%)
- Magenta (77%)
- Yellow (72%)
- Black (3%)



- Cyan (3%)
- Magenta (77%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color F83A46 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 F83A46 by changing the saturation by 10% instead.

 F83A46

 F83A46

FFFFFF

 D7092F

 FF7877

 B7001A

 FF9690

 970003

 FFB3AB

 770000

 FFD1C6

 580002

 FFEFE2

 3A0002

 130000

 000000

 F83A46

 F83A46

 F8212F

 F8535D

 F80818

 F86C74

 F80010

 F8848C

 F89DA3

 F8B6BA

 F8CFD1

 F8E8E9

 F8FFFF

Harmonies

Analogous

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



FA238B



F83A46



D86300

Triad

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



F83A46



009E36



008FFF

Complementary

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



F83A46



3AF8EC

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.



009EFD



F83A46



00A280

Square

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



F83A46



5D9400



00A3C7



7573FF

Rectangle

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



F83A46



B67900



00A3C7



0095FF

Sweetspot

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



F83A46



FFC4C8



EB3AF8



805C5E



000000



808080

Same Dimension

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



F83A46



FF1423



F88C3A



7D7071



BD000C



3D0004

Inverse Universe

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



F83A46



FF1423



3AA6F8



7D7071



BD000C



3D0004

Previews

White Background



This preview shows how the Hex color F83A46 looks on a white background.

Color Contrast Check

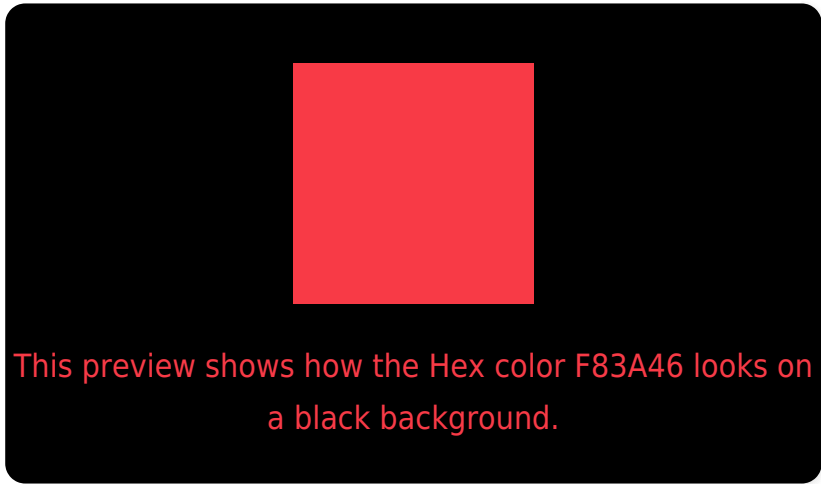
Large Text (above 18pt) WCAG AA ✓ Pass

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 F83A46 Background



This preview shows how black text looks on a background with the Hex color F83A46.



This preview shows how white text looks on a background with the Hex color F83A46.

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
F83A46

Protanopia
8F8560

Deuteranopia
A57F3B



Tritanopia
F83C3D

Trichromacy



Original Color
F83A46

Protanomaly
B56A57

Deuteranomaly
C3663F

Tritanomaly
F83B40

Monochromacy



Original Color
F83A46

Achromatopsia
747474

Achromatomaly
A45F63

CSS Examples

Text

The CSS property to change the color of the text to Hex F83A46 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 #F83A46 looks like.

```
.text, #text, p{  
    color:#F83A46  
}
```

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 #F83A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F83A46
}
```

Border

The CSS property to change the border of an element to Hex F83A46 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
#F83A46 }
```

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

```
.border{ border-color:#F83A46 }
```

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

Here you see how a box with a 4 pixel #F83A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F83A46; -webkit-box-shadow:4px 4px  
4px 4px #F83A46; box-shadow:4px 4px 4px  
4px #F83A46 }
```

Background

The CSS property to change the background color of an element to Hex F83A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F83A46 }
```

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

```
.background{ background-color:#F83A46 }
```

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