

Converting Colors

Hex(F5443D)

Have a look what the booklet for
Hex(F5443D) contains.

Hex(F5443D)	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(F5443D)

Conversions

Conversions Part 1

Format	Color
Hex	F5443D
RGB	245, 68, 61
RGB Percent	96%, 27%, 24%
CMY	0.0392, 0.7333, 0.7608
CMYK	0.00, 0.72, 0.75, 0.04
HSL	2°, 90%, 60%
HSV	2°, 75%, 96%
XYZ	40.5656, 23.8836, 6.8868
YIQ	120.1250, 107.7390, 35.3470

Conversions

Conversions Part 2

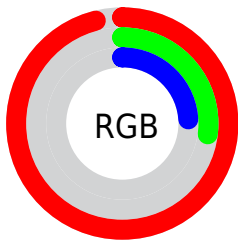
Format	Color
R_{YB}	245, 68, 61
Decimal	16073789
CIE Lab	55.97, 66.23, 44.40
CIE LCh	56, 79.738, 33.838
Yxy	23.8836, 0.5687, 0.3348
Android (android.graphics.Color)	4294263869 (0xFFFF5443D)
YUV	120.1250, -29.1486, 109.5154
Hunter-Lab	48.8709, 62.6411, 25.8545

Details

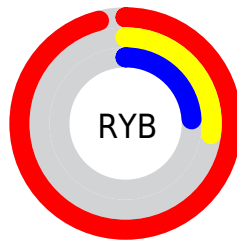
The Hex color **F5443D** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **3DEEF5**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF7F6D**, and **B40010** is the 20% darker color. If you saturate the color by 10%, you get **F52C24**, and if you desaturate by 10%, it is **F55C56**.

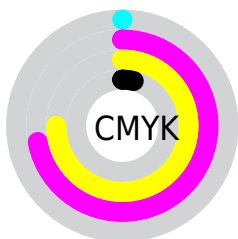
Distribution



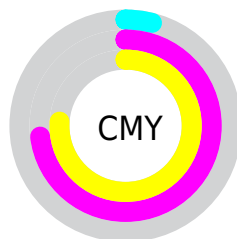
- Red (96%)
- Green (27%)
- Blue (24%)



- Red (96%)
- Yellow (27%)
- Blue (24%)



- Cyan (0%)
- Magenta (72%)
- Yellow (75%)
- Black (4%)



- Cyan (4%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5443D 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 F5443D by changing the saturation by 10% instead.

 F5443D

 F5443D

FFFFFF

 D42026

 FF7F6D

 B40010

 FF9C87

 950000

 FFB9A2

 750000

 FFD7BD

 560001

 FFF5D9

 390002

 FFFFF5

 0E0000

 000000

 F5443D

 F5443D

 F52C24

 F55C56

 F5150C

 F5736E

 F50900

 F58B86

 F5A29F

 F5BAB7

 F5D1D0

 F5E9E9

 F5FFFF

Harmonies

Analogous

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



FD2880



F5443D



D16A00

Triad

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



F5443D



00A044



008CFF

Complementary

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



F5443D



3DEEF5

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.



009DFF



F5443D



00A48D

Square

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



F5443D



519700



00A3D2



8C6FFB

Rectangle

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



F5443D



AE7E00



00A3D2



0093FF

Sweetspot

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



F5443D



FFC7C4



F53DEF



805D5C



000000



808080

Same Dimension

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



F5443D



FF2219



F59F3D



7A6F6E



BA0700



3B0200

Inverse Universe

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



3DEEF5



19F6FF



3D93F5



6E7A7A



00B3BA



00383B

Previews

White Background



This preview shows how the Hex color F5443D looks on a white background.

Color Contrast Check

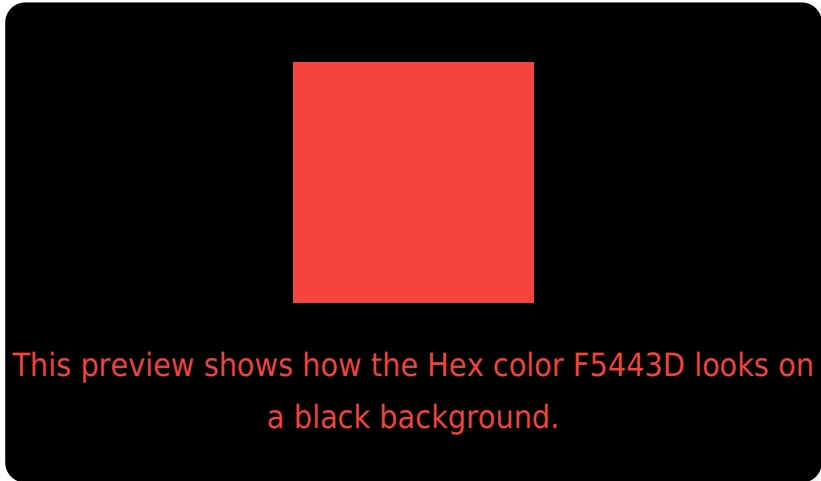
Large Text (above 18pt) WCAG AA ✓ Pass

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 F5443D Background



This preview shows how black text looks on a background with the Hex color F5443D.



This preview shows how white text looks on a background with the Hex color F5443D.

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
F5443D

Protanopia
938752

Deuteranopia
A88031

Trichromacy



Original Color
F5443D

Protanomaly
B76F4A

Deuteranomaly
C46A35

Tritanomaly
F54342

Monochromacy



Original Color
F5443D

Achromatopsia
787878

Achromatomaly
A56563

CSS Examples

Text

The CSS property to change the color of the text to Hex F5443D 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 #F5443D looks like.

```
.text, #text, p{  
    color:#F5443D  
}
```

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 #F5443D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5443D
}
```

Border

The CSS property to change the border of an element to Hex F5443D is called "border". The border property can be set on classes, ids or directly on the HTML element.

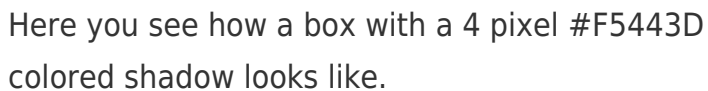
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F5443D }
```

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

```
.border{ border-color:#F5443D }
```

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



Here you see how a box with a 4 pixel #F5443D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5443D; -webkit-box-shadow:4px 4px  
4px 4px #F5443D; box-shadow:4px 4px 4px  
4px #F5443D }
```

Background

The CSS property to change the background color of an element to Hex F5443D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5443D }
```

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

```
.background{ background-color:#F5443D }
```

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