

Converting Colors

Hex(FE4933)

Have a look what the booklet for
Hex(FE4933) contains.

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Color

Hex(FE4933)

Conversions

Conversions Part 1

Format	Color
Hex	FE4933
RGB	254, 73, 51
RGB Percent	100%, 29%, 20%
CMY	0.0039, 0.7137, 0.8000
CMYK	0.00, 0.71, 0.80, 0.00
HSL	7°, 99%, 60%
HSV	7°, 80%, 100%
XYZ	43.8531, 26.0749, 5.8536
YIQ	124.6110, 114.9380, 31.5300

Conversions

Conversions Part 2

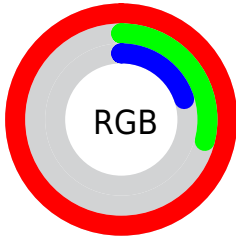
Format	Color
R_{YB}	254, 76, 51
Decimal	16664883
CIE _{Lab}	58.11, 66.93, 52.29
CIE _{LCh}	58, 84.932, 38.000
Yxy	26.0749, 0.5787, 0.3441
Android (android.graphics.Color)	4294854963 (0xFFFE4933)
YUV	124.6110, -36.2902, 113.4742
Hunter-Lab	51.0636, 63.9334, 28.9479

Details

The Hex color **FE4933** 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 **33E8FE**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF8464**, and **BC0002** is the 20% darker color. If you saturate the color by 10%, you get **FE321A**, and if you desaturate by 10%, it is **FE604C**.

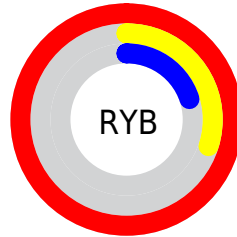
Distribution



Red (100%)

Green (29%)

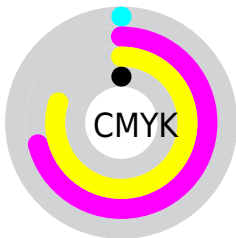
Blue (20%)



Red (100%)

Yellow (30%)

Blue (20%)

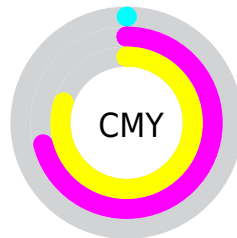


Cyan (0%)

Magenta (71%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (71%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE4933 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 FE4933 by changing the saturation by 10% instead.

 FE4933

 FE4933

FFFFFF

 DD261B

 FF8464

 BC0002

 FFA17D

 9C0000

 FFBE98

 7C0000

 FFDCB3

 5D0001

 FFFACF

 400003

 FFFFEB

 1D0001

 000000

 FE4933

 FE4933

■ FE321A

■ FE604C

■ FE1C00

■ FE7666

■ FE8D7F

■ FEA499

■ FEBAB2

■ FED1CB

■ FEE8E5

■ FEFEFE

■ FEFFFF

Harmonies

Analogous

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



FF1F7B



FE4933



D47300

Triad

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



FE4933



00A850



008FFF

Complementary

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



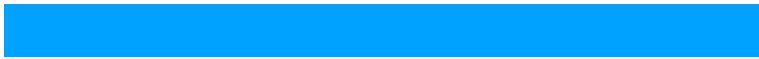
FE4933



33E8FE

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



FE4933



00AB9E

Square

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



FE4933



41A000



00AAE6



A36DFF

Rectangle

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



FE4933



AD8700



00AAE6



0097FF

Sweetspot

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



FE4933



FFC8C2



FE33EA



805F5B



000000



808080

Same Dimension

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



FE4933



FF250A



FEAD33



807473



BF1500



400700

Inverse Universe

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



33E8FE



0AE4FF



3384FE



737E80



00ABBF



003940

Previews

White Background



This preview shows how the Hex color FE4933 looks on a white background.

Color Contrast Check

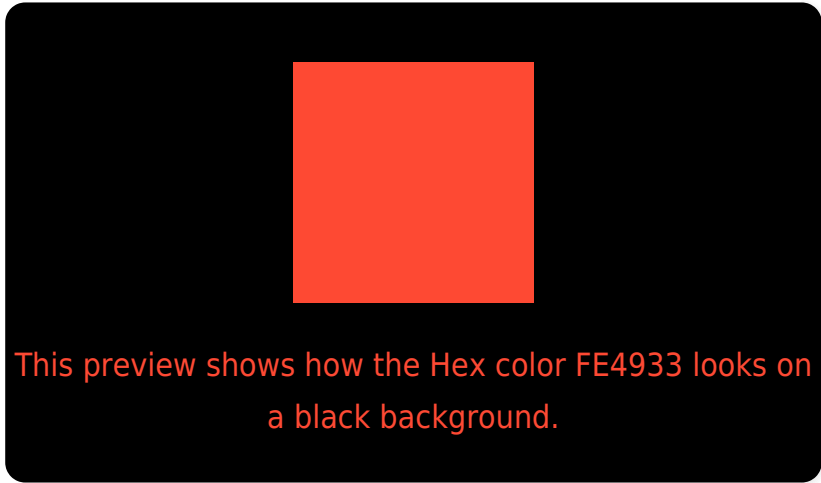
Large Text (above 18pt) WCAG AA ✓ Pass

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 FE4933 Background



This preview shows how black text looks on a background with the Hex color FE4933.



This preview shows how white text looks on a background with the Hex color FE4933.

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
FE4933

Protanopia
9B8C46

Deuteranopia
B08523



Tritanopia
FF4649

Trichromacy



Original Color
FE4933

Protanomaly
BF743F

Deuteranomaly
CC6F29

Tritanomaly
FF4741

Monochromacy



Original Color
FE4933

Achromatopsia
7D7D7D

Achromatomaly
AC6A62

CSS Examples

Text

The CSS property to change the color of the text to Hex FE4933 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 #FE4933 looks like.

```
.text, #text, p{  
    color:#FE4933  
}
```

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 #FE4933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE4933
}
```

Border

The CSS property to change the border of an element to Hex FE4933 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
#FE4933 }
```

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

```
.border{ border-color:#FE4933 }
```

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

Here you see how a box with a 4 pixel #FE4933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE4933; -webkit-box-shadow:4px 4px  
4px 4px #FE4933; box-shadow:4px 4px 4px  
4px #FE4933 }
```

Background

The CSS property to change the background color of an element to Hex FE4933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE4933 }
```

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

```
.background{ background-color:#FE4933 }
```

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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