

Converting Colors

Hex(FE3131)

Have a look what the booklet for
Hex(FE3131) contains.

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Color

Hex(FE3131)

Conversions

Conversions Part 1

Format	Color
Hex	FE3131
RGB	254, 49, 49
RGB Percent	100%, 19%, 19%
CMY	0.0039, 0.8078, 0.8078
CMYK	0.00, 0.81, 0.81, 0.00
HSL	0°, 99%, 59%
HSV	0°, 81%, 100%
XYZ	42.5257, 23.4892, 5.1982
YIQ	110.2950, 122.1800, 43.4600

Conversions

Conversions Part 2

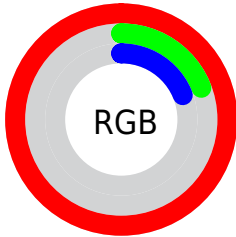
Format	Color
R_{YB}	254, 49, 49
Decimal	16658737
CIE _{Lab}	55.57, 73.92, 50.85
CIE _{LCh}	56, 89.717, 34.524
Yxy	23.4892, 0.5972, 0.3298
Android (android.graphics.Color)	4294848817 (0xFFFE3131)
YUV	110.2950, -30.2184, 126.0293
Hunter-Lab	48.4657, 71.8082, 27.5667

Details

The Hex color **FE3131** 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 **31FEFE**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7361**, and **BC0003** is the 20% darker color. If you saturate the color by 10%, you get **FE1818**, and if you desaturate by 10%, it is **FE4A4A**.

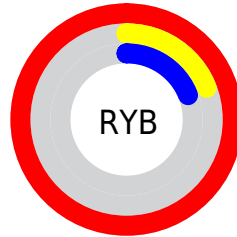
Distribution



Red (100%)

Green (19%)

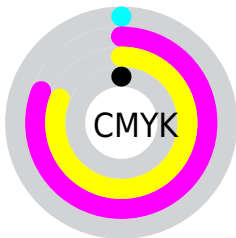
Blue (19%)



Red (100%)

Yellow (19%)

Blue (19%)

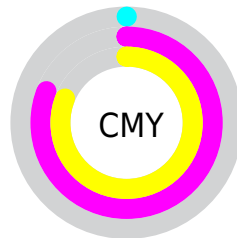


Cyan (0%)

Magenta (81%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE3131 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 FE3131 by changing the saturation by 10% instead.

 FE3131

 FE3131

FFFFFF

 DD001A

 FF7361

 BC0003

 FF917A

 9B0000

 FFAF95

 7B0000

 FFCCAF

 5B0002

 FFEBCB

 3D0003

 FFFFE7

 180001

 000000

 FE3131

 FE3131

 FE1818

 FE4A4A

 FE0000

 FE6464

 FE7D7D

 FE9797

 FEB0B0

 FEC9C9

 FEE3E3

 FEFCFC

FEFFFF

Harmonies

Analogous

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



FF007D



FE3131



D56600

Triad

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



FE3131



00A13C



008CFF

Complementary

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



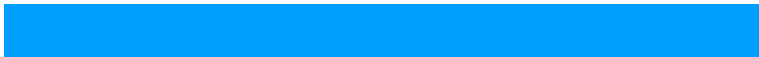
FE3131



31FEFE

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.



009EFF



FE3131



00A58F

Square

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



FE3131



419800



00A5DC



8C69FF

Rectangle

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



FE3131



AE7D00



00A5DC



0094FF

Sweetspot

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



FE3131



FFC2C2



FE31FE



805B5B



000000



808080

Same Dimension

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



FE3131



FF0808



FE9831



807373



BF0000



400000

Inverse Universe

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



31FEFE



08FFFF



3198FE



738080



00BFBF



004040

Previews

White Background



This preview shows how the Hex color FE3131 looks on a white background.

Color Contrast Check

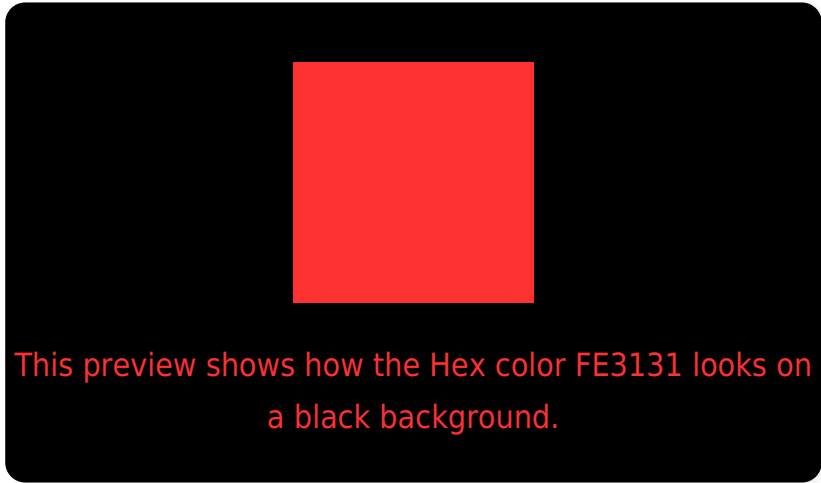
Large Text (above 18pt) WCAG AA ✓ Pass

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 FE3131 Background



This preview shows how black text looks on a background with the Hex color FE3131.



This preview shows how white text looks on a background with the Hex color FE3131.

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
FE3131

Protanopia
938648

Deuteranopia
A87F1E



Trichromacy



Original Color
FE3131

Protanomaly
BA6740

Deuteranomaly
C76325

Tritanomaly
FE3131

Monochromacy



Original Color
FE3131

Achromatopsia
6E6E6E

Achromatomaly
A25858

CSS Examples

Text

The CSS property to change the color of the text to Hex FE3131 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 #FE3131 looks like.

```
.text, #text, p{  
    color:#FE3131  
}
```

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 #FE3131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE3131
}
```

Border

The CSS property to change the border of an element to Hex FE3131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

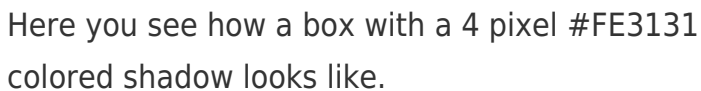
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FE3131 }
```

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

```
.border{ border-color:#FE3131 }
```

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



Here you see how a box with a 4 pixel `#FE3131` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE3131; -webkit-box-shadow:4px 4px  
4px 4px #FE3131; box-shadow:4px 4px 4px  
4px #FE3131 }
```

Background

The CSS property to change the background color of an element to Hex FE3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE3131 }
```

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

```
.background{ background-color:#FE3131 }
```

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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