

Converting Colors

Hex(F33435)

Have a look what the booklet for
Hex(F33435) contains.

Hex(F33435)	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(F33435)

Conversions

Conversions Part 1

Format	Color
Hex	F33435
RGB	243, 52, 53
RGB Percent	95%, 20%, 21%
CMY	0.0471, 0.7961, 0.7922
CMYK	0.00, 0.79, 0.78, 0.05
HSL	360°, 89%, 58%
HSV	360°, 79%, 95%
XYZ	38.8327, 21.7677, 5.5230
YIQ	109.2230, 113.5150, 40.8030

Conversions

Conversions Part 2

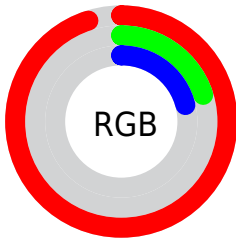
Format	Color
R_{YB}	243, 52, 53
Decimal	15938613
CIE Lab	53.78, 70.24, 46.27
CIE LCh	54, 84.113, 33.378
Yxy	21.7677, 0.5873, 0.3292
Android (android.graphics.Color)	4294128693 (0xFFFF33435)
YUV	109.2230, -27.7179, 117.3224
Hunter-Lab	46.6559, 66.9218, 25.6405

Details

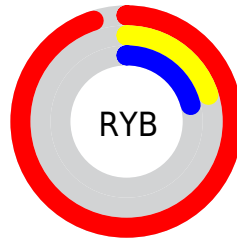
The Hex color **F33435** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **34F3F2**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7365**, and **B20008** is the 20% darker color. If you saturate the color by 10%, you get **F31C1D**, and if you desaturate by 10%, it is **F34C4D**.

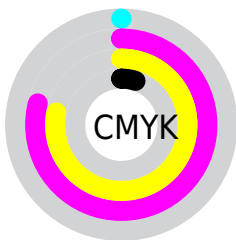
Distribution



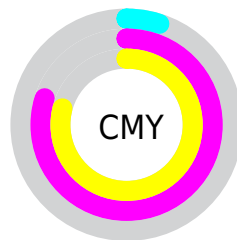
- Red (95%)
- Green (20%)
- Blue (21%)



- Red (95%)
- Yellow (20%)
- Blue (21%)



- Cyan (0%)
- Magenta (79%)
- Yellow (78%)
- Black (5%)



- Cyan (5%)
- Magenta (80%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color F33435 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 F33435 by changing the saturation by 10% instead.

 F33435

 F33435

FFFFFF

 D2001F

 FF7365

 B20008

 FF917E

 920000

 FFAE98

 720000

 FFCCB3

 530002

 FFEACF

 350002

 FFFFEB

 010000

 000000

 F33435

 F33435

 F31C1D

 F34C4D

 F30305

 F36565

 F30001

 F37D7E

 F39596

 F3ADAE

 F3C6C6

 F3DEDE

 F3F6F6

 F3FFFF

Harmonies

Analogous

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



FB007C



F33435



CE6200

Triad

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



F33435



009B39



0088FF

Complementary

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



F33435



34F3F2

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.



0099FF



F33435



009F87

Square

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



F33435



479200



009ECF



8368FB

Rectangle

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



F33435



AA7800



009ECF



008FFF

Sweetspot

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



F33435



FFC2C2



F034F3



805B5B



000000



808080

Same Dimension

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



F33435



FF0F11



F39034



7A6E6E



BA0001



3B0000

Inverse Universe

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



F33435



FF0F11



3497F3



7A6E6E



BA0001



3B0000

Previews

White Background



This preview shows how the Hex color F33435 looks on a white background.

Color Contrast Check

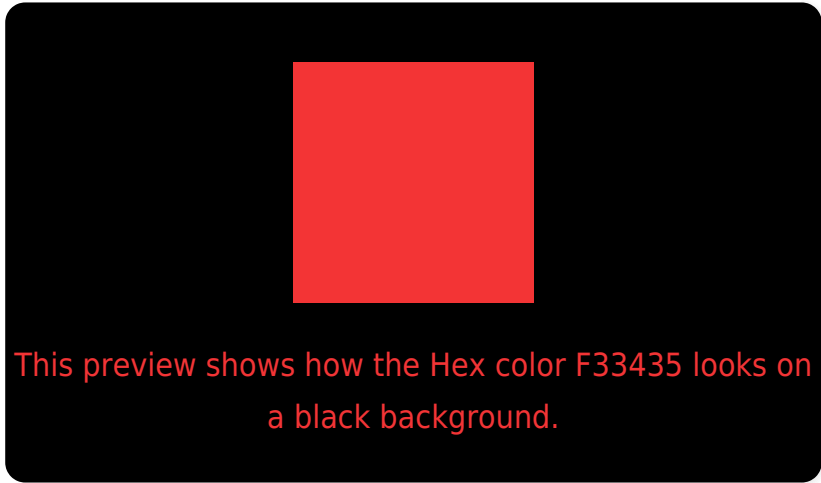
Large Text (above 18pt) WCAG AA ✓ Pass

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 F33435 Background



This preview shows how black text looks on a background with the Hex color F33435.



This preview shows how white text looks on a background with the Hex color F33435.

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
F33435

Protanopia
8D814B

Deuteranopia
A27A26



Tritanopia
F33435

Trichromacy



Original Color
F33435

Protanomaly
B26543

Deuteranomaly
BF612B

Tritanomaly
F33435

Monochromacy



Original Color
F33435

Achromatopsia
6D6D6D

Achromatomaly
9E5859

CSS Examples

Text

The CSS property to change the color of the text to Hex F33435 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 #F33435 looks like.

```
.text, #text, p{  
    color:#F33435  
}
```

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 #F33435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F33435
}
```

Border

The CSS property to change the border of an element to Hex F33435 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
#F33435 }
```

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

```
.border{ border-color:#F33435 }
```

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

Here you see how a box with a 4 pixel #F33435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F33435; -webkit-box-shadow:4px 4px  
4px 4px #F33435; box-shadow:4px 4px 4px  
4px #F33435 }
```

Background

The CSS property to change the background color of an element to Hex F33435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F33435 }
```

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

```
.background{ background-color:#F33435 }
```

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