

Converting Colors

Hex(F33F59)

Have a look what the booklet for
Hex(F33F59) contains.

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Color

Hex(F33F59)

Conversions

Conversions Part 1

Format	Color
Hex	F33F59
RGB	243, 63, 89
RGB Percent	95%, 25%, 35%
CMY	0.0471, 0.7529, 0.6510
CMYK	0.00, 0.74, 0.63, 0.05
HSL	351°, 88%, 60%
HSV	351°, 74%, 95%
XYZ	40.5428, 23.3310, 11.8177
YIQ	119.7840, 98.9340, 46.2460

Conversions

Conversions Part 2

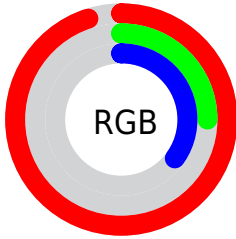
Format	Color
R_{YB}	243, 63, 89
Decimal	15941465
CIE Lab	55.41, 68.57, 27.72
CIE LCh	55, 73.965, 22.012
Yxy	23.3310, 0.5356, 0.3082
Android (android.graphics.Color)	4294131545 (0xFFFF33F59)
YUV	119.7840, -15.1765, 108.0604
Hunter-Lab	48.3021, 65.2968, 19.3055

Details

The Hex color **F33F59** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **3FF3D9**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF7C8B**, and **B3002C** is the 20% darker color. If you saturate the color by 10%, you get **F32744**, and if you desaturate by 10%, it is **F3576E**.

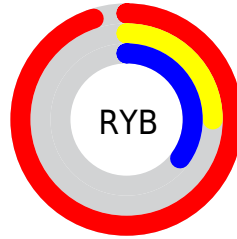
Distribution



Red (95%)

Green (25%)

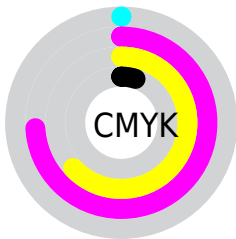
Blue (35%)



Red (95%)

Yellow (25%)

Blue (35%)

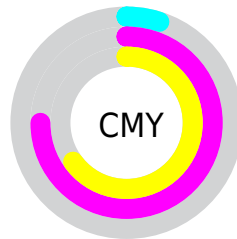


Cyan (0%)

Magenta (74%)

Yellow (63%)

Black (5%)



Cyan (5%)

Magenta (75%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color F33F59 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 F33F59 by changing the saturation by 10% instead.

 F33F59

 F33F59

FFFFFF

 D31742

 FF7C8B

 B3002C

 FF99A5

 940018

 FFB6C0

 750000

 FFD4DC

 560002

 FFF2F9

 390002

 0E0000

 000000

 F33F59

 F33F59

 F32744

 F3576E

 F30E2F

 F37083

 F30023

 F38897

 F3A0AC

 F3B8C1

 F3D1D6

 F3E9EB

 F3FFFF

Harmonies

Analogous

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



ED3B99



F33F59



DB5F1A

Triad

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



F33F59



009B2D



0092FF

Complementary

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



F33F59



3FF3D9

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.



009DEA



F33F59



00A071

Square

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



F33F59



738F00



00A1B3



567BFD

Rectangle

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



F33F59



BF7300



00A1B3



0097FF

Sweetspot

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



F33F59



FFC7CF



D83FF3



805E63



000000



808080

Same Dimension

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



F33F59



FF1C3D



F37E3F



7A6E70



BA001B



3B0008

Inverse Universe

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



F33F59



FF1C3D



3FB4F3



7A6E70



BA001B



3B0008

Previews

White Background



This preview shows how the Hex color F33F59 looks on a white background.

Color Contrast Check

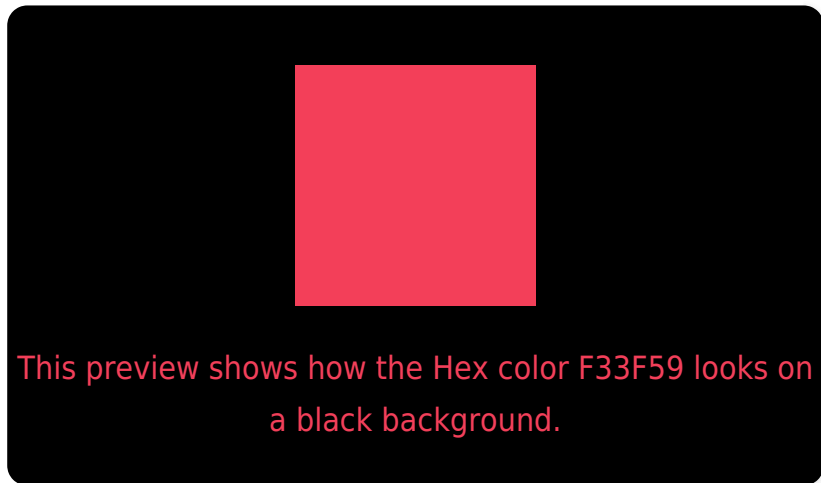
Large Text (above 18pt) WCAG AA ✓ Pass

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 F33F59 Background



This preview shows how black text looks on a background with the Hex color F33F59.



This preview shows how white text looks on a background with the Hex color F33F59.

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
F33F59

Protanopia
8B8576

Deuteranopia
A17F50



Tritanopia
F24345

Trichromacy



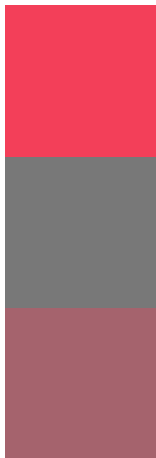
Original Color
F33F59

Protanomaly
B16C6B

Deuteranomaly
BF6853

Tritanomaly
F2424C

Monochromacy



Original Color
F33F59

Achromatopsia
787878

Achromatomaly
A5636D

CSS Examples

Text

The CSS property to change the color of the text to Hex F33F59 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 #F33F59 looks like.

```
.text, #text, p{  
    color:#F33F59  
}
```

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 #F33F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F33F59
}
```

Border

The CSS property to change the border of an element to Hex F33F59 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
#F33F59 }
```

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

```
.border{ border-color:#F33F59 }
```

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

Here you see how a box with a 4 pixel #F33F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F33F59; -webkit-box-shadow:4px 4px  
4px 4px #F33F59; box-shadow:4px 4px 4px  
4px #F33F59 }
```

Background

The CSS property to change the background color of an element to Hex F33F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F33F59 }
```

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

```
.background{ background-color:#F33F59 }
```

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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