

Converting Colors

Hex(F3313F)

Have a look what the booklet for
Hex(F3313F) contains.

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Color

Hex(F3313F)

Conversions

Conversions Part 1

Format	Color
Hex	F3313F
RGB	243, 49, 63
RGB Percent	95%, 19%, 25%
CMY	0.0471, 0.8078, 0.7529
CMYK	0.00, 0.80, 0.74, 0.05
HSL	356°, 89%, 57%
HSV	356°, 80%, 95%
XYZ	38.9577, 21.6102, 6.8205
YIQ	108.6020, 111.1300, 45.4820

Conversions

Conversions Part 2

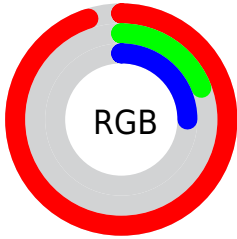
Format	Color
R_{YB}	243, 49, 63
Decimal	15937855
CIE _{Lab}	53.61, 71.36, 40.59
CIE _{LCh}	54, 82.099, 29.630
Yxy	21.6102, 0.5781, 0.3207
Android (android.graphics.Color)	4294127935 (0xFFFF3313F)
YUV	108.6020, -22.4818, 117.8670
Hunter-Lab	46.4868, 68.2379, 23.8417

Details

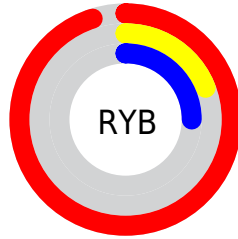
The Hex color **F3313F** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **31F3E5**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF726F**, and **B20014** is the 20% darker color. If you saturate the color by 10%, you get **F31928**, and if you desaturate by 10%, it is **F34956**.

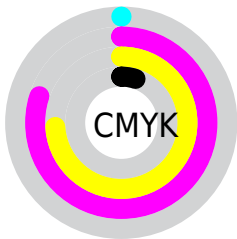
Distribution



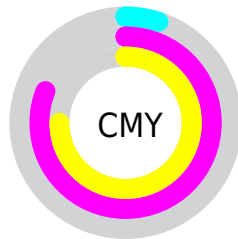
- Red (95%)
- Green (19%)
- Blue (25%)



- Red (95%)
- Yellow (19%)
- Blue (25%)



- Cyan (0%)
- Magenta (80%)
- Yellow (74%)
- Black (5%)



- Cyan (5%)
- Magenta (81%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color F3313F 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 F3313F by changing the saturation by 10% instead.

 F3313F

 F3313F

FFFFFF

 D20029

 FF726F

 B20014

 FF8F89

 920000

 FFADA3

 720000

 FFCABE

 530003

 FFE8DA

 350002

 FFFFF7

 020000

 000000

 F3313F

 F3313F

 F31928

 F34956

 F30012

 F3626C

 F37A83

 F39299

 F3AAB0

 F3C3C6

 F3DBDD

 F3F3F3

 F3FFFF

Harmonies

Analogous

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



F60D84



F3313F



D25E00

Triad

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



F3313F



009931



008AFF

Complementary

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



F3313F



31F3E5

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.



0099FB



F3313F



009D7D

Square

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



F3313F



559000



009EC5



716DFD

Rectangle

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



F3313F



B07400



009EC5



0090FF

Sweetspot

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



F3313F



FFC2C6



E331F3



805B5D



000000



808080

Same Dimension

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



F3313F



FF0A1C



F38231



7A6E6F



BA000D



3B0004

Inverse Universe

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



F3313F



FF0A1C



31A2F3



7A6E6F



BA000D



3B0004

Previews

White Background



This preview shows how the Hex color F3313F 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 F3313F Background



This preview shows how black text looks on a background with the Hex color F3313F.



This preview shows how white text looks on a background with the Hex color F3313F.

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
F3313F

Protanopia
8B8059

Deuteranopia
A07A33



Tritanopia
F33333

Trichromacy



Original Color
F3313F

Protanomaly
B16350

Deuteranomaly
BE5F37

Tritanomaly
F33237

Monochromacy



Original Color
F3313F

Achromatopsia
6D6D6D

Achromatomaly
9E575C

CSS Examples

Text

The CSS property to change the color of the text to Hex F3313F 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 #F3313F looks like.

```
.text, #text, p{  
    color:#F3313F  
}
```

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 #F3313F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3313F
}
```

Border

The CSS property to change the border of an element to Hex F3313F is called "border". The border property can be set on classes, ids or directly on the HTML element.

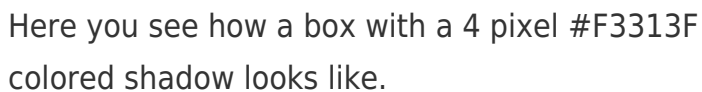
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F3313F }
```

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

```
.border{ border-color:#F3313F }
```

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



Here you see how a box with a 4 pixel #F3313F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3313F; -webkit-box-shadow:4px 4px  
4px 4px #F3313F; box-shadow:4px 4px 4px  
4px #F3313F }
```

Background

The CSS property to change the background color of an element to Hex F3313F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3313F }
```

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

```
.background{ background-color:#F3313F }
```

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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