

Converting Colors

Hex(FF312F)

Have a look what the booklet for
Hex(FF312F) contains.

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Color

Hex(**FF312F**)

Conversions

Conversions Part 1

Format	Color
Hex	FF312F
RGB	255, 49, 47
RGB Percent	100%, 19%, 18%
CMY	0.0000, 0.8078, 0.8157
CMYK	0.00, 0.81, 0.82, 0.00
HSL	1°, 100%, 59%
HSV	1°, 82%, 100%
XYZ	42.8514, 23.6619, 4.9980
YIQ	110.3660, 123.4180, 43.0500

Conversions

Conversions Part 2

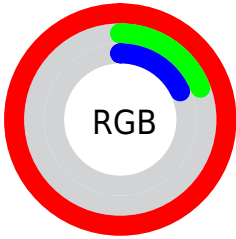
Format	Color
R_{YB}	255, 49, 47
Decimal	16724271
CIE _{Lab}	55.75, 74.14, 52.09
CIE _{LCh}	56, 90.609, 35.094
Yxy	23.6619, 0.5992, 0.3309
Android (android.graphics.Color)	4294914351 (0xFFFF312F)
YUV	110.3660, -31.2394, 126.8440
Hunter-Lab	48.6435, 72.1197, 27.9585

Details

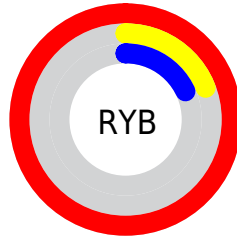
The Hex color **FF312F** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2FFDFF**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF735F**, and **BD0000** is the 20% darker color. If you saturate the color by 10%, you get **FF1816**, and if you desaturate by 10%, it is **FF4A49**.

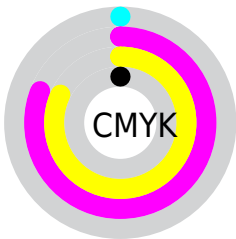
Distribution



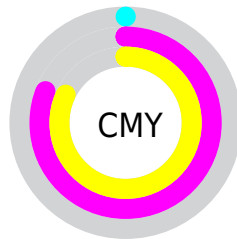
- Red (100%)
- Green (19%)
- Blue (18%)



- Red (100%)
- Yellow (19%)
- Blue (18%)



- Cyan (0%)
- Magenta (81%)
- Yellow (82%)
- Black (0%)



- Cyan (0%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF312F 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 FF312F by changing the saturation by 10% instead.

 FF312F

 FF312F

FFFFFF

 DE0018

 FF735F

 BD0000

 FF9178

 9C0000

 FFAF93

 7C0000

 FFCDAE

 5C0002

 FFEBC9

 3E0003

 FFFF E5

 1A0001

 000000

 FF312F

 FF312F

 FF1816

 FF4A49

 FF0200

 FF6462

 FF7D7C

 FF9695

 FFAFAF

 FFC9C8

 FFE2E2

 FFFBFB

FFFFFF

Harmonies

Analogous

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



FF007C



FF312F



D56700

Triad

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



FF312F



00A23D



008CFF

Complementary

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



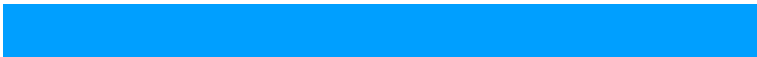
FF312F



2FFDFF

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.



009FFF



FF312F



00A691

Square

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



FF312F



3D9900



00A5DF



8F69FF

Rectangle

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



FF312F



AD7E00



00A5DF



0094FF

Sweetspot

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



FF312F



FFC2C2



FF2FFF



805B5B



000000



808080

Same Dimension

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



FF312F



FF0805



FF972F



807373



BF0200



400100

Inverse Universe

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



2FFDFF



05FDFF



2F97FF



737F80



00BDBF



003F40

Previews

White Background



This preview shows how the Hex color FF312F looks on a white background.

Color Contrast Check

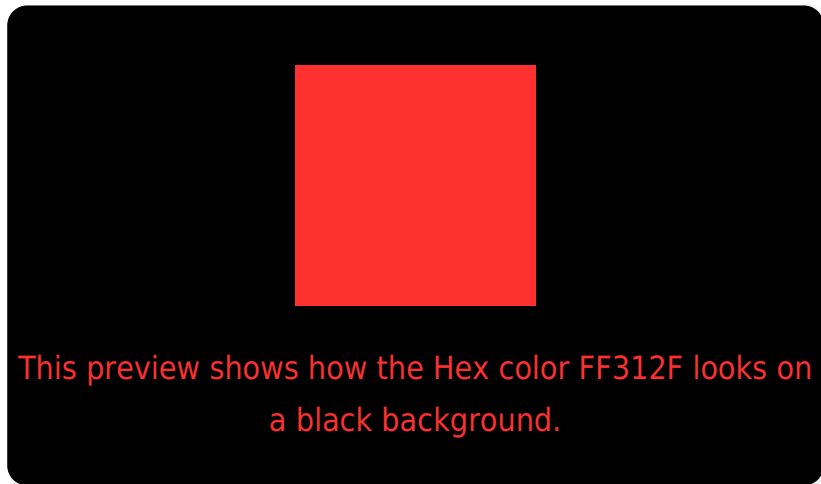
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF312F Background



This preview shows how black text looks on a background with the Hex color FF312F.



This preview shows how white text looks on a background with the Hex color FF312F.

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
FF312F

Protanopia
948645

Deuteranopia
A97F1B



Tritanopia
FF3130

Trichromacy



Original Color
FF312F

Protanomaly
BB673D

Deuteranomaly
C86322

Tritanomaly
FF3130

Monochromacy



Original Color
FF312F

Achromatopsia
6E6E6E

Achromatomaly
A35857

CSS Examples

Text

The CSS property to change the color of the text to Hex FF312F 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 #FF312F looks like.

```
.text, #text, p{  
    color:#FF312F  
}
```

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 #FF312F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF312F
}
```

Border

The CSS property to change the border of an element to Hex FF312F 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
#FF312F }
```

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

```
.border{ border-color:#FF312F }
```

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

Here you see how a box with a 4 pixel #FF312F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF312F; -webkit-box-shadow:4px 4px  
4px 4px #FF312F; box-shadow:4px 4px 4px  
4px #FF312F }
```

Background

The CSS property to change the background color of an element to Hex FF312F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF312F }
```

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

```
.background{ background-color:#FF312F }
```

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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