

Converting Colors

Hex(FF2E33)

Have a look what the booklet for
Hex(FF2E33) contains.

Hex(FF2E33)	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(F2E33)

Conversions

Conversions Part 1

Format	Color
Hex	FF2E33
RGB	255, 46, 51
RGB Percent	100%, 18%, 20%
CMY	0.0000, 0.8196, 0.8000
CMYK	0.00, 0.82, 0.80, 0.00
HSL	359°, 100%, 59%
HSV	359°, 82%, 100%
XYZ	42.8145, 23.4530, 5.4023
YIQ	109.0610, 122.9590, 45.8630

Conversions

Conversions Part 2

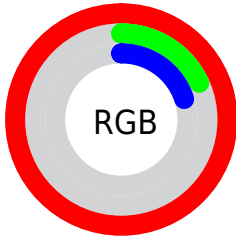
Format	Color
R_{YB}	255, 46, 51
Decimal	16723507
CIE Lab	55.54, 74.94, 49.85
CIE LCh	56, 90.004, 33.630
Yxy	23.4530, 0.5974, 0.3272
Android (android.graphics.Color)	4294913587 (0xFFFF2E33)
YUV	109.0610, -28.6241, 127.9885
Hunter-Lab	48.4283, 73.0589, 27.2859

Details

The Hex color **FF2E33** 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 **2EFFFF**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7163**, and **BD0005** is the 20% darker color. If you saturate the color by 10%, you get **FF151A**, and if you desaturate by 10%, it is **FF484C**.

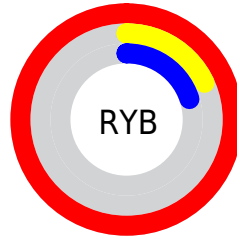
Distribution



Red (100%)

Green (18%)

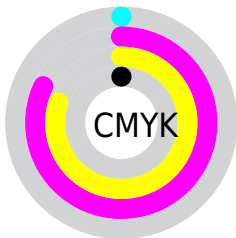
Blue (20%)



Red (100%)

Yellow (18%)

Blue (20%)

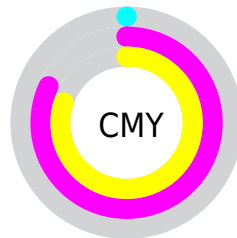


Cyan (0%)

Magenta (82%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF2E33 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 FF2E33 by changing the saturation by 10% instead.

 FF2E33

 FF2E33

FFFFFF

 DE001C

 FF7163

 BD0005

 FF907C

 9C0000

 FFAD97

 7C0000

 FFCBB1

 5C0002

 FFE9CD

 3E0003

 FFFFEA

 190001

 000000

 FF2E33

 FF2E33

 FF151A

 FF484C

 FF0006

 FF6165

 FF7B7E

 FF9497

 FFAEAF

 FFC7C8

 FFE1E1

 FFFAFA

FFFFFF

Harmonies

Analogous

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



FF007F



FF2E33



D66500

Triad

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



FF2E33



00A139



008DFF

Complementary

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



FF2E33



2EFFFF

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



FF2E33



00A58D

Square

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



FF2E33



449800



00A5DB



876AFF

Rectangle

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



FF2E33



B07C00



00A5DB



0095FF

Sweetspot

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



FF2E33



FFBFC1



F82EFF



80595A



000000



808080

Same Dimension

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



FF2E33



FF050B



FF902E



807373



BF0005



400002

Inverse Universe

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



FF2E33



FF050B



2E9DFF



807373



BF0005



400002

Previews

White Background



This preview shows how the Hex color FF2E33 looks on a white background.

Color Contrast Check

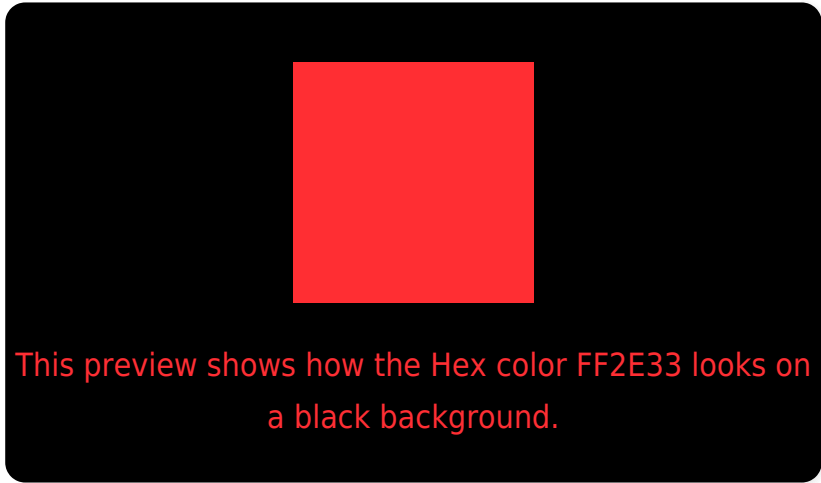
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2E33 Background



This preview shows how black text looks on a background with the Hex color FF2E33.



This preview shows how white text looks on a background with the Hex color FF2E33.

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
FF2E33

Protanopia
92854B

Deuteranopia
A87F21



Tritanopia
FF2F2E

Trichromacy



Original Color
FF2E33

Protanomaly
BA6542

Deuteranomaly
C86228

Tritanomaly
FF2F30

Monochromacy



Original Color
FF2E33

Achromatopsia
6D6D6D

Achromatomaly
A25658

CSS Examples

Text

The CSS property to change the color of the text to Hex FF2E33 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 #FF2E33 looks like.

```
.text, #text, p{  
    color:#FF2E33  
}
```

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 #FF2E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2E33
}
```

Border

The CSS property to change the border of an element to Hex FF2E33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

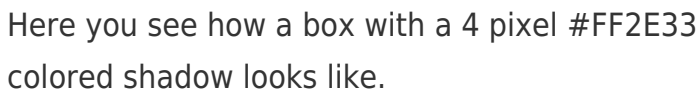
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF2E33 }
```

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

```
.border{ border-color:#FF2E33 }
```

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



Here you see how a box with a 4 pixel #FF2E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2E33; -webkit-box-shadow:4px 4px  
4px 4px #FF2E33; box-shadow:4px 4px 4px  
4px #FF2E33 }
```

Background

The CSS property to change the background color of an element to Hex FF2E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2E33 }
```

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

```
.background{ background-color:#FF2E33 }
```

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