

# Converting Colors

Hex(FF2D43)

Have a look what the booklet for  
Hex(FF2D43) contains.

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**Color**

**Hex(F F 2 D 4 3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2D43
RGB	255, 45, 67
RGB Percent	100%, 18%, 26%
CMY	0.0000, 0.8235, 0.7373
CMYK	0.00, 0.82, 0.74, 0.00
HSL	354°, 100%, 59%
HSV	354°, 82%, 100%
XYZ	43.1915, 23.5420, 7.5778
YIQ	110.2980, 118.0980, 51.3620

# Conversions

## Conversions Part 2

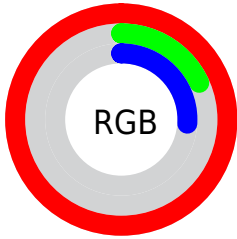
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 45, 67
Decimal	16723267
CIE Lab	55.63, 75.67, 41.23
CIE LCh	56, 86.173, 28.582
Yxy	23.5420, 0.5812, 0.3168
Android (android.graphics.Color)	4294913347 (0xFFFF2D43)
YUV	110.2980, -21.3459, 126.9037
Hunter-Lab	48.5201, 73.9864, 24.7042

# Details

The Hex color **FF2D43** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **2DFFE9**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7173**, and **BD0018** is the 20% darker color. If you saturate the color by 10%, you get **FF142C**, and if you desaturate by 10%, it is **FF475A**.

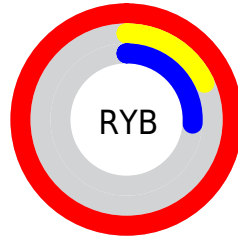
# Distribution



Red (100%)

Green (18%)

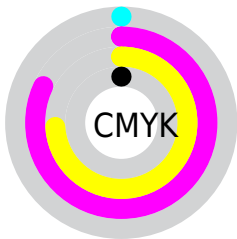
Blue (26%)



Red (100%)

Yellow (18%)

Blue (26%)

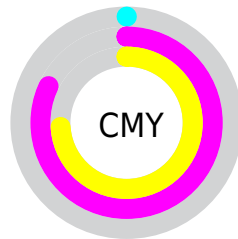


Cyan (0%)

Magenta (82%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2D43 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 FF2D43 by changing the saturation by 10% instead.



 FF2D43

 FF2D43

FFFFFF

 DE002D

 FF7173

 BD0018

 FF8F8D

 9D0000

 FFADA7

 7D0000

 FFCBC3

 5D0003

 FFE9DF

 3F0003

FFFFFFB

 1B0001

 000000

 FF2D43

 FF2D43

 FF142C

 FF475A

 FF001B

 FF6071

 FF7A87

 FF939E

 FFADB5

 FFC6CC

 FFE0E3

 FFF9FA

FFFFFF

# Harmonies

## Analogous

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



FF008C



FF2D43



DD6000

# Triad

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



FF2D43



009F2E



0091FF

# Complementary

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



FF2D43



2DFFE9

# 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.



00A0FF



FF2D43



00A47F

# Square

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



FF2D43



5A9500



00A4CB



6F73FF

# Rectangle

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



FF2D43



B97800



00A4CB



0097FF



# Sweetspot

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



FF2D43



FFBFC6



E62DFF



80595D



000000



808080



# Same Dimension

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



FF2D43



FF031D



FF7E2D



807374



BF0014



400007



# Inverse Universe

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



FF2D43



FF031D



2DAFFF



807374



BF0014



400007



# Previews

## White Background



This preview shows how the Hex color FF2D43 looks on a white background.

## Color Contrast Check

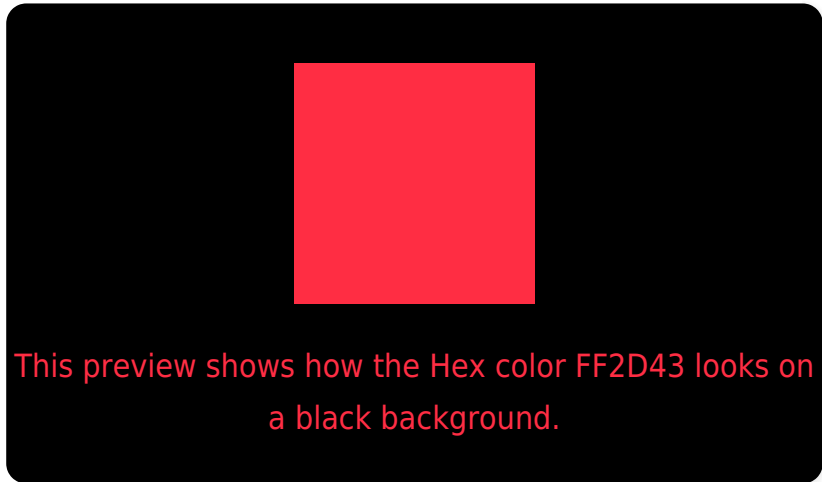
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2D43 Background



This preview shows how black text looks on a background with the Hex color FF2D43.



This preview shows how white text looks on a background with the Hex color FF2D43.

# 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**  
FF2D43

**Protanopia**  
908560

**Deuteranopia**  
A67F36



# Trichromacy



**Original Color**  
FF2D43

**Protanomaly**  
B86555

**Deuteranomaly**  
C6613B

**Tritanomaly**  
FE3037

# Monochromacy



**Original Color**  
FF2D43

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
A3565E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2D43 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 #FF2D43 looks like.

```
.text, #text, p{  
    color:#FF2D43  
}
```

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 #FF2D43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2D43
}
```

## Border

The CSS property to change the border of an element to Hex FF2D43 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
#FF2D43 }
```

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

```
.border{ border-color:#FF2D43 }
```

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

Here you see how a box with a 4 pixel #FF2D43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2D43; -webkit-box-shadow:4px 4px  
4px 4px #FF2D43; box-shadow:4px 4px 4px  
4px #FF2D43 }
```

# Background

The CSS property to change the background color of an element to Hex FF2D43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2D43 }
```

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

```
.background{ background-color:#FF2D43 }
```

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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