

# Converting Colors

Hex(FF2B4C)

Have a look what the booklet for  
Hex(FF2B4C) contains.

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**Color**

**Hex(F F 2 B 4 C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2B4C
RGB	255, 43, 76
RGB Percent	100%, 17%, 30%
CMY	0.0000, 0.8314, 0.7020
CMYK	0.00, 0.83, 0.70, 0.00
HSL	351°, 100%, 58%
HSV	351°, 83%, 100%
XYZ	43.4084, 23.5096, 9.0874
YIQ	110.1500, 115.7590, 55.2070

# Conversions

## Conversions Part 2

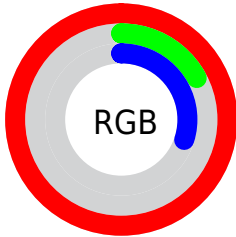
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 43, 76
Decimal	16722764
CIE Lab	55.59, 76.46, 36.03
CIE LCh	56, 84.522, 25.235
Yxy	23.5096, 0.5711, 0.3093
Android (android.graphics.Color)	4294912844 (0xFFFF2B4C)
YUV	110.1500, -16.8359, 127.0335
Hunter-Lab	48.4867, 74.9531, 22.8285

# Details

The Hex color **FF2B4C** 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 **2BFFDE**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF707D**, and **BE0020** is the 20% darker color. If you saturate the color by 10%, you get **FF1236**, and if you desaturate by 10%, it is **FF4562**.

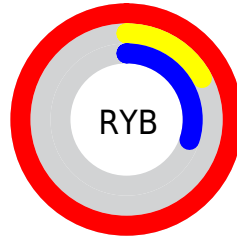
# Distribution



Red (100%)

Green (17%)

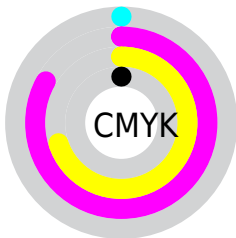
Blue (30%)



Red (100%)

Yellow (17%)

Blue (30%)

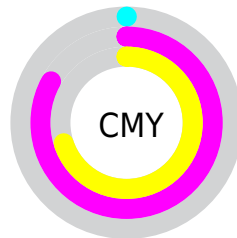


Cyan (0%)

Magenta (83%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (83%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2B4C 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 FF2B4C by changing the saturation by 10% instead.



 FF2B4C

 FF2B4C

FFFFFF

 DE0035

 FF707D

 BE0020

 FF8F97

 9D000C

 FFADB1

 7D0000

 FFCBCD

 5D0003

 FFE9E9

 3F0003

 1C0001

 000000

 FF2B4C

 FF2B4C

 FF1236

 FF4562

 FF0028

 FF5E77

 FF788D

 FF91A2

 FFABB8

 FFC4CD

 FFDEE3

 FFF7F8

FFFFFF

# Harmonies

## Analogous

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



FD1494



FF2B4C



E05C00

# Triad

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



FF2B4C



009E26



0092FF

# Complementary

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



FF2B4C



2BFFDE

# 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.



00A0FE



FF2B4C



00A377

# Square

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



FF2B4C



659300



00A4C2



5B77FF

# Rectangle

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



FF2B4C



BF7500



00A4C2



0098FF



# Sweetspot

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



FF2B4C



FFBFC9



DC2BFF



80595F



000000



808080



# Same Dimension

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



FF2B4C



FF0028



FF722B



807375



BF001E



40000A



# Inverse Universe

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



FF2B4C



FF0028



2BB8FF



807375



BF001E



40000A



# Previews

## White Background



This preview shows how the Hex color FF2B4C looks on a white background.

## Color Contrast Check

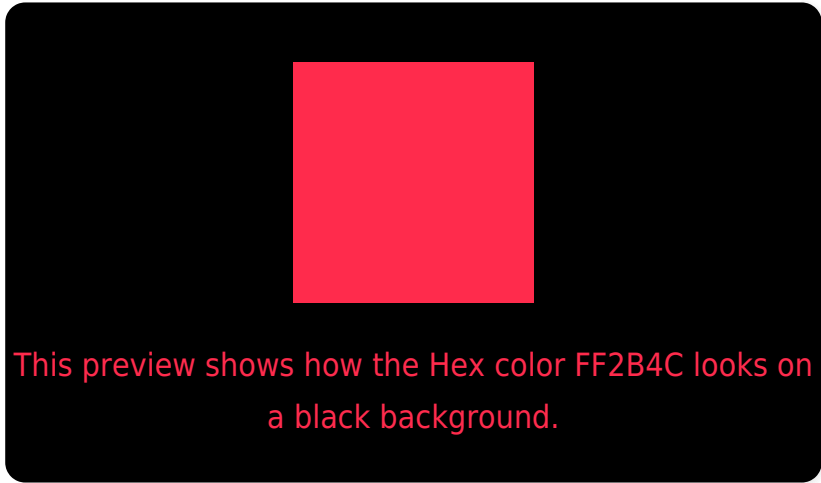
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2B4C Background



This preview shows how black text looks on a background with the Hex color FF2B4C.

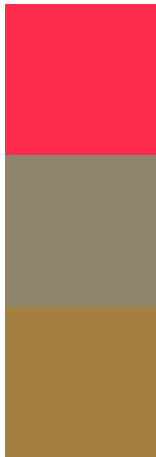


This preview shows how white text looks on a background with the Hex color FF2B4C.

# 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**  
FF2B4C

**Protanopia**  
8E856C

**Deuteranopia**  
A57F40



# Trichromacy



**Original Color**  
FF2B4C



**Protanomaly**  
B76460



**Deuteranomaly**  
C66044



**Tritanomaly**  
FE2F3B

# Monochromacy



**Original Color**  
FF2B4C



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
A35662

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2B4C 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 #FF2B4C looks like.

```
.text, #text, p{  
    color:#FF2B4C  
}
```

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 #FF2B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2B4C
}
```

## Border

The CSS property to change the border of an element to Hex FF2B4C 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".

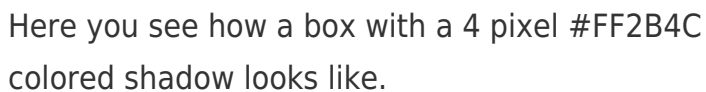
```
.border, #border, table{ border:4px solid
#FF2B4C }
```

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

```
.border{ border-color:#FF2B4C }
```

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

Here you see how a box with a 4 pixel #FF2B4C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2B4C; -webkit-box-shadow:4px 4px  
4px 4px #FF2B4C; box-shadow:4px 4px 4px  
4px #FF2B4C }
```

# Background

The CSS property to change the background color of an element to Hex FF2B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2B4C }
```

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

```
.background{ background-color:#FF2B4C }
```

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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