

Converting Colors

Hex(FF2A42)

Have a look what the booklet for
Hex(FF2A42) contains.

Hex(FF2A42)	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(F F 2 A 4 2)

Conversions

Conversions Part 1

Format	Color
Hex	FF2A42
RGB	255, 42, 66
RGB Percent	100%, 16%, 26%
CMY	0.0000, 0.8353, 0.7412
CMYK	0.00, 0.84, 0.74, 0.00
HSL	353°, 100%, 58%
HSV	353°, 84%, 100%
XYZ	43.0513, 23.3093, 7.3843
YIQ	108.4230, 119.2440, 52.6200

Conversions

Conversions Part 2

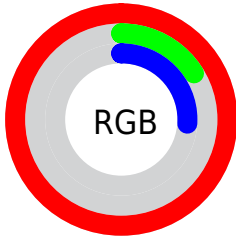
Format	Color
R_{YB}	255, 42, 66
Decimal	16722498
CIE _{Lab}	55.39, 76.28, 41.52
CIE _{LCh}	55, 86.847, 28.564
Yxy	23.3093, 0.5838, 0.3161
Android (android.graphics.Color)	4294912578 (0xFFFF2A42)
YUV	108.4230, -20.9145, 128.5480
Hunter-Lab	48.2797, 74.6803, 24.7274

Details

The Hex color **FF2A42** 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 **2AFFE7**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6F72**, and **BD0017** is the 20% darker color. If you saturate the color by 10%, you get **FF102B**, and if you desaturate by 10%, it is **FF4359**.

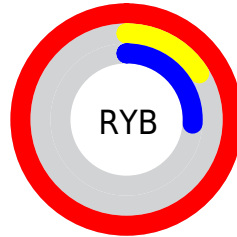
Distribution



Red (100%)

Green (16%)

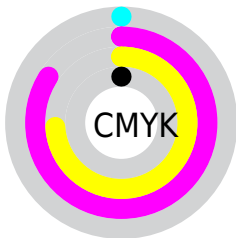
Blue (26%)



Red (100%)

Yellow (16%)

Blue (26%)

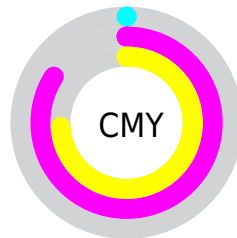


Cyan (0%)

Magenta (84%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (84%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF2A42 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 FF2A42 by changing the saturation by 10% instead.

 FF2A42

 FF2A42

FFFFFF

 DE002C

 FF6F72

 BD0017

 FF8E8C

 9D0000

 FFACA6

 7C0000

 FFCAC2

 5D0003

 FFE8DE

 3E0003

 FFFFFA

 1A0001

 000000

 FF2A42

 FF2A42

 FF102B

 FF4359

 FF001D

 FF5D6F

 FF7786

 FF909D

 FFAAB3

 FFC3CA

 FFDDE0

 FFF6F7

FFFFFF

Harmonies

Analogous

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



FF008C



FF2A42



DC5F00

Triad

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



FF2A42



009F2C



0090FF

Complementary

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



FF2A42



2AFFE7

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



FF2A42



00A37F

Square

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



FF2A42



599500



00A4CB



6D72FF

Rectangle

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



FF2A42



B97700



00A4CB



0097FF

Sweetspot

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



FF2A42



FFBFC6



E62AFF



80595E



000000



808080

Same Dimension

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



FF2A42



FF001D



FF7C2A



807374



BF0016



400007

Inverse Universe

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



FF2A42



FF001D



2AADFF



807374



BF0016



400007

Previews

White Background



This preview shows how the Hex color FF2A42 looks on a white background.

Color Contrast Check

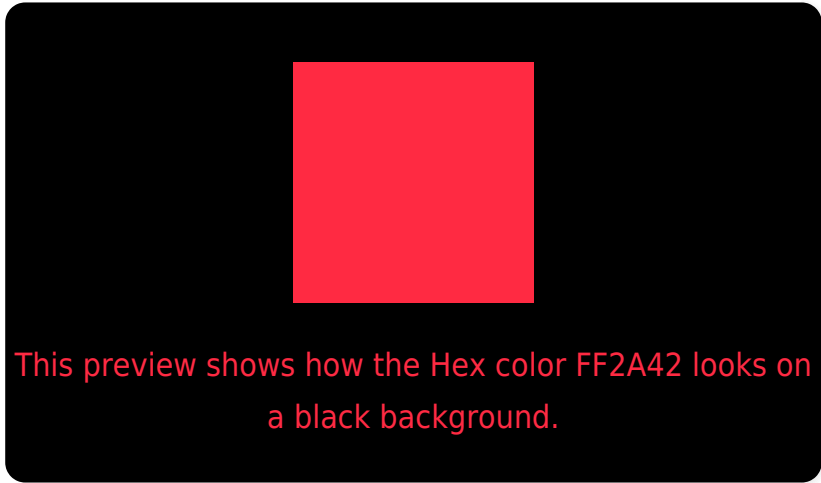
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2A42 Background



This preview shows how black text looks on a background with the Hex color FF2A42.



This preview shows how white text looks on a background with the Hex color FF2A42.

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
FF2A42

Protanopia
8F855F

Deuteranopia
A67E35



Trichromacy



Original Color
FF2A42

Protanomaly
B86454

Deuteranomaly
C65F3A

Tritanomaly
FE2D35

Monochromacy



Original Color
FF2A42

Achromatopsia
6C6C6C

Achromatomaly
A1545D

CSS Examples

Text

The CSS property to change the color of the text to Hex FF2A42 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 #FF2A42 looks like.

```
.text, #text, p{  
    color:#FF2A42  
}
```

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 #FF2A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2A42
}
```

Border

The CSS property to change the border of an element to Hex FF2A42 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".

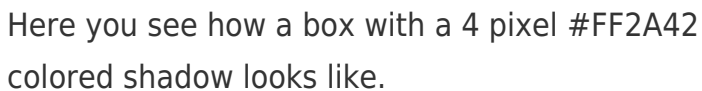
```
.border, #border, table{ border:4px solid
#FF2A42 }
```

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

```
.border{ border-color:#FF2A42 }
```

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

Here you see how a box with a 4 pixel #FF2A42 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2A42; -webkit-box-shadow:4px 4px  
4px 4px #FF2A42; box-shadow:4px 4px 4px  
4px #FF2A42 }
```

Background

The CSS property to change the background color of an element to Hex FF2A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2A42 }
```

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

```
.background{ background-color:#FF2A42 }
```

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