

# Converting Colors

Hex(FA2A41)

Have a look what the booklet for  
Hex(FA2A41) contains.

<b>Hex(FA2A41)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(FA2A41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA2A41
RGB	250, 42, 65
RGB Percent	98%, 16%, 25%
CMY	0.0196, 0.8353, 0.7451
CMYK	0.00, 0.83, 0.74, 0.02
HSL	353°, 95%, 57%
HSV	353°, 83%, 98%
XYZ	41.2064, 22.3616, 7.1454
YIQ	106.8140, 116.5850, 51.2490

# Conversions

## Conversions Part 2

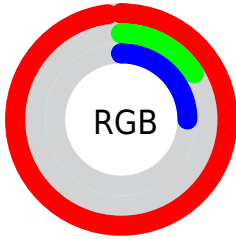
Format	Color
R <sub>Y</sub> B	250, 42, 65
Decimal	16394817
CIE Lab	54.41, 74.94, 40.72
CIE LCh	54, 85.289, 28.520
Yxy	22.3616, 0.5827, 0.3162
Android (android.graphics.Color)	4294584897 (0xFFFA2A41)
YUV	106.8140, -20.6143, 125.5741
Hunter-Lab	47.2880, 72.7895, 24.1426

# Details

The Hex color **FA2A41** 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 **2AFAE3**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6F71**, and **B80016** is the 20% darker color. If you saturate the color by 10%, you get **FA112B**, and if you desaturate by 10%, it is **FA4357**.

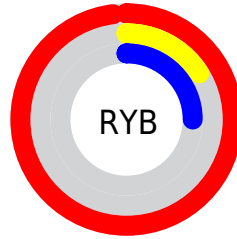
# Distribution



Red (98%)

Green (16%)

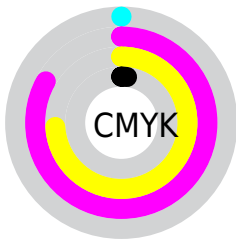
Blue (25%)



Red (98%)

Yellow (16%)

Blue (25%)

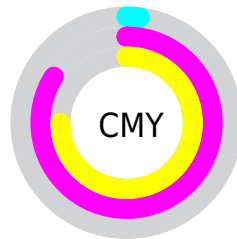


Cyan (0%)

Magenta (83%)

Yellow (74%)

Black (2%)



Cyan (2%)

Magenta (84%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA2A41 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 FA2A41 by changing the saturation by 10% instead.



 FA2A41

 FA2A41

FFFFFF

 D9002B

 FF6F71

 B80016

 FF8D8B

 980000

 FFABA5

 780000

 FFC8C0

 590003

 FFE7DC

 3A0002

 FFFFF9

 120000

 000000

 FA2A41

 FA2A41

 FA112B

 FA4357

 FA001C

 FA5C6D

 FA7584

 FA8E9A

 FAA7B0

 FAC0C6

 FAD9DD

 FAF2F3

 FAFFFF

# Harmonies

## Analogous

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



FC0089



FA2A41



D85D00

# Triad

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



FA2A41



009C2C



008DFF

# Complementary

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



FA2A41



2AFAE3

# 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.



009CFF



FA2A41



00A07C

# Square

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



FA2A41



589200



00A1C7



6B70FF

# Rectangle

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



FA2A41



B57500



00A1C7



0094FF



# Sweetspot

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



FA2A41



FFBFC6



E22AFA



80595D



000000



808080



# Same Dimension

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



FA2A41



FF001C



FA7A2A



7D7072



BD0015



3D0007



# Inverse Universe

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



FA2A41



FF001C



2AAAF8



7D7072



BD0015



3D0007



# Previews

## White Background



This preview shows how the Hex color FA2A41 looks on a white background.

## Color Contrast Check

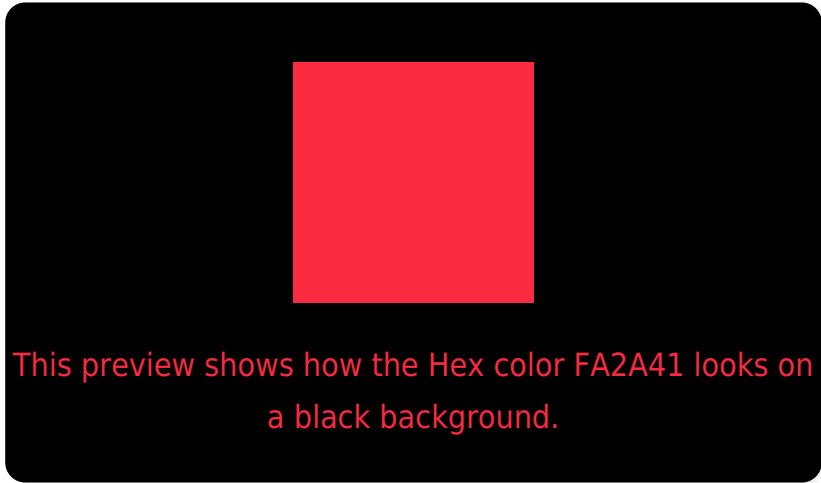
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA2A41 Background



This preview shows how black text looks on a background with the Hex color FA2A41.

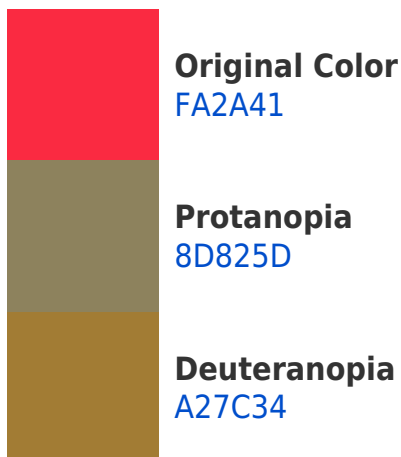


This preview shows how white text looks on a background with the Hex color FA2A41.

# 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





**Tritanopia**  
F92E2D

# Trichromacy



**Original Color**  
FA2A41

**Protanomaly**  
B56253

**Deuteranomaly**  
C25E39

**Tritanomaly**  
F92D34

# Monochromacy



**Original Color**  
FA2A41

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
9F535C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA2A41 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 #FA2A41 looks like.

```
.text, #text, p{  
    color:#FA2A41  
}
```

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 #FA2A41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA2A41
}
```

## Border

The CSS property to change the border of an element to Hex FA2A41 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
#FA2A41 }
```

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

```
.border{ border-color:#FA2A41 }
```

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

Here you see how a box with a 4 pixel #FA2A41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA2A41; -webkit-box-shadow:4px 4px  
4px 4px #FA2A41; box-shadow:4px 4px 4px  
4px #FA2A41 }
```

# Background

The CSS property to change the background color of an element to Hex FA2A41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA2A41 }
```

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

```
.background{ background-color:#FA2A41 }
```

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