

# Converting Colors

Hex(FA2D33)

Have a look what the booklet for  
Hex(FA2D33) contains.

<b>Hex(FA2D33)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(FA2D33)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA2D33
RGB	250, 45, 51
RGB Percent	98%, 18%, 20%
CMY	0.0196, 0.8235, 0.8000
CMYK	0.00, 0.82, 0.80, 0.02
HSL	358°, 95%, 58%
HSV	358°, 82%, 98%
XYZ	40.9603, 22.4398, 5.3044
YIQ	106.9790, 120.2540, 45.3260

# Conversions

## Conversions Part 2

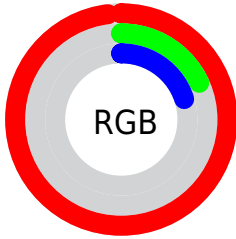
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 45, 51
Decimal	16395571
CIE <sub>Lab</sub>	54.49, 73.83, 48.49
CIE <sub>LCh</sub>	54, 88.331, 33.296
Yxy	22.4398, 0.5962, 0.3266
Android (android.graphics.Color)	4294585651 (0xFFFA2D33)
YUV	106.9790, -27.5976, 125.4294
Hunter-Lab	47.3706, 71.4461, 26.5203

# Details

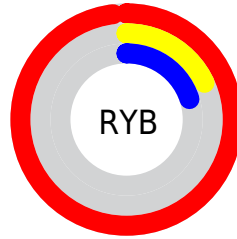
The Hex color **FA2D33** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2DFAF4**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7063**, and **B80006** is the 20% darker color. If you saturate the color by 10%, you get **FA141B**, and if you desaturate by 10%, it is **FA464B**.

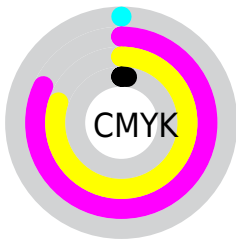
# Distribution



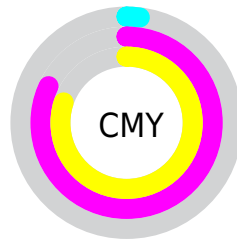
- Red (98%)
- Green (18%)
- Blue (20%)



- Red (98%)
- Yellow (18%)
- Blue (20%)



- Cyan (0%)
- Magenta (82%)
- Yellow (80%)
- Black (2%)



- Cyan (2%)
- Magenta (82%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA2D33 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 FA2D33 by changing the saturation by 10% instead.



 FA2D33

 FA2D33

FFFFFF

 D9001C

 FF7063

 B80006

 FF8E7C

 980000

 FFAC96

 770000


 FFC9B1

 580003

 FFE8CD

 390002

 FFFFE9

 110000

 000000

 FA2D33

 FA2D33

 FA141B

 FA464B

 FA0007

 FA5F64

 FA787C

 FA9194

 FAAAAAC

 FAC3C5

 FADCDD

 FAF5F5

 FAFFFF

# Harmonies

## Analogous

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



FF007E



FA2D33



D36200

# Triad

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



FA2D33



009E37



008AFF

# Complementary

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



FA2D33



2DFAF4

# 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



FA2D33



00A189

# Square

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



FA2D33



449500



00A2D5



8369FF

# Rectangle

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



FA2D33



AD7900



00A2D5



0092FF



# Sweetspot

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



FA2D33



FFBFC1



F32DFA



80595A



000000



808080



# Same Dimension

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



FA2D33



FF050C



FA8D2D



7D7071



BD0006



3D0002



# Inverse Universe

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



FA2D33



FF050C



2D9AFA



7D7071



BD0006



3D0002



# Previews

## White Background



This preview shows how the Hex color FA2D33 looks on a white background.

## Color Contrast Check

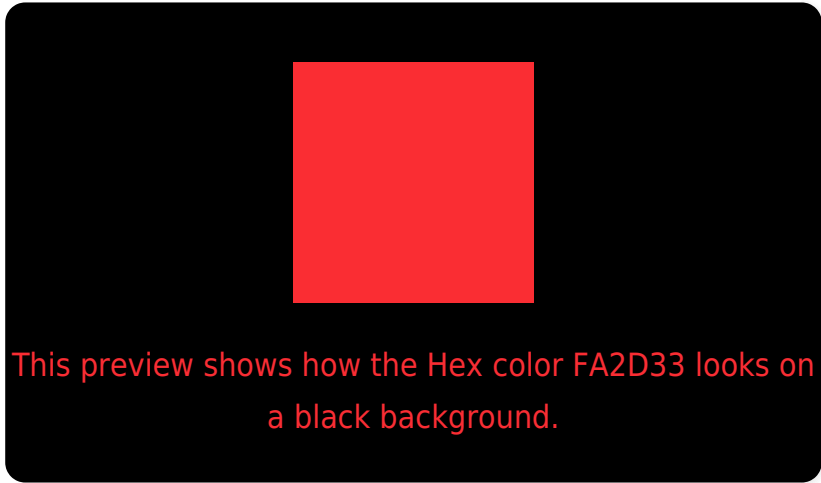
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA2D33 Background



This preview shows how black text looks on a background with the Hex color FA2D33.



This preview shows how white text looks on a background with the Hex color FA2D33.

# 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**  
FA2D33

**Protanopia**  
8F834B

**Deuteranopia**  
A47C22



# Trichromacy



**Original Color**  
FA2D33

**Protanomaly**  
B66442

**Deuteranomaly**  
C35F28

**Tritanomaly**  
FA2E2F

# Monochromacy



**Original Color**  
FA2D33

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
9F5457

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA2D33 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 #FA2D33 looks like.

```
.text, #text, p{  
    color:#FA2D33  
}
```

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 #FA2D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA2D33
}
```

## Border

The CSS property to change the border of an element to Hex FA2D33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

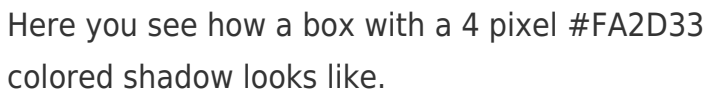
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FA2D33 }
```

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

```
.border{ border-color:#FA2D33 }
```

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



Here you see how a box with a 4 pixel #FA2D33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA2D33; -webkit-box-shadow:4px 4px  
4px 4px #FA2D33; box-shadow:4px 4px 4px  
4px #FA2D33 }
```

# Background

The CSS property to change the background color of an element to Hex FA2D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA2D33 }
```

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

```
.background{ background-color:#FA2D33 }
```

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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