

# Converting Colors

Hex(FA1331)

Have a look what the booklet for  
Hex(FA1331) contains.

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**Color**

**Hex(FA1331)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA1331
RGB	250, 19, 49
RGB Percent	98%, 7%, 19%
CMY	0.0196, 0.9255, 0.8078
CMYK	0.00, 0.92, 0.80, 0.02
HSL	352°, 96%, 53%
HSV	352°, 92%, 98%
XYZ	40.2116, 21.0115, 4.8420
YIQ	91.4890, 128.0460, 58.3020

# Conversions

## Conversions Part 2

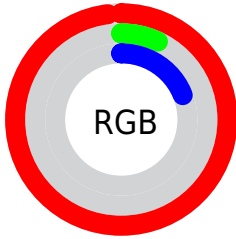
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 19, 49
Decimal	16388913
CIE Lab	52.96, 78.10, 48.04
CIE LCh	53, 91.697, 31.596
Yxy	21.0115, 0.6087, 0.3180
Android (android.graphics.Color)	4294578993 (0xFFFA1331)
YUV	91.4890, -20.9471, 139.0141
Hunter-Lab	45.8383, 76.3719, 25.8239

# Details

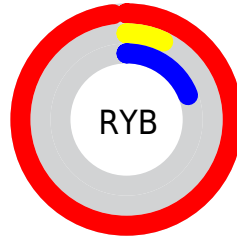
The Hex color **FA1331** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **13FADC**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6460**, and **B80005** is the 20% darker color. If you saturate the color by 10%, you get **FA0020**, and if you desaturate by 10%, it is **FA2C47**.

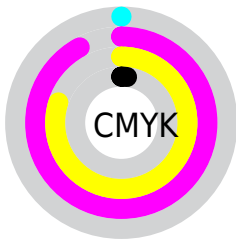
# Distribution



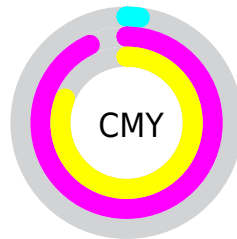
- Red (98%)
- Green (7%)
- Blue (19%)



- Red (98%)
- Yellow (7%)
- Blue (19%)



- Cyan (0%)
- Magenta (92%)
- Yellow (80%)
- Black (2%)



- Cyan (2%)
- Magenta (93%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA1331 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 FA1331 by changing the saturation by 10% instead.



 FA1331

 FA1331

FFFFFF

 D9001B

 FF6460

 B80005

 FF8379

 970000

 FFA293

 760001

 FFC0AE

 570003

 FFDECA

 380002

 FFFCE6

 0C0000

 000000

 FA1331

 FA1331

■ FA0020

■ FA2C47

■ FA455D

■ FA5E72

■ FA7788

■ FA909E

■ FAA9B4

■ FAC2C9

■ FADBDF

■ FAF4F5

# Harmonies

## Analogous

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



FF007E



FA1331



D35A00

# Triad

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



FA1331



009A2A



0089FF

# Complementary

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



FA1331



13FADC

# 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.



0099FF



FA1331



009E81

# Square

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



FA1331



429000



009ED0



7366FF

# Rectangle

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



FA1331



AD7400



009ED0



0090FF



# Sweetspot

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



FA1331



FFB8C1



DB13FA



80545A



000000



808080



# Same Dimension

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



FA1331



FF0021



FA6813



7D7072



BD0019



3D0008



# Inverse Universe

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



FA1331



FF0021



13A5FA



7D7072



BD0019



3D0008



# Previews

## White Background



This preview shows how the Hex color FA1331 looks on a white background.

## Color Contrast Check

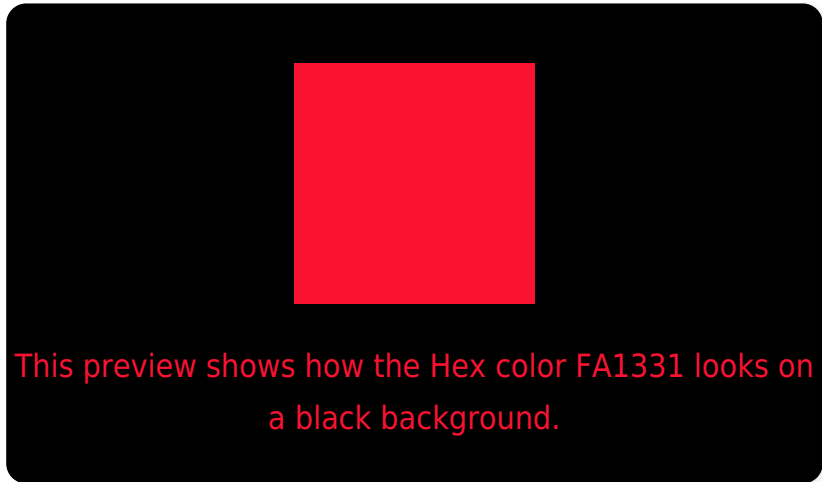
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA1331 Background



This preview shows how black text looks on a background with the Hex color FA1331.



This preview shows how white text looks on a background with the Hex color FA1331.

# 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**  
FA1331

**Protanopia**  
8B7F4B

**Deuteranopia**  
A0791E



**Tritanopia**  
FA1B12

# Trichromacy



**Original Color**  
FA1331



**Protanomaly**  
B35842



**Deuteranomaly**  
C15425



**Tritanomaly**  
FA181D

# Monochromacy



**Original Color**  
FA1331



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
95414C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA1331 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 #FA1331 looks like.

```
.text, #text, p{  
    color:#FA1331  
}
```

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 #FA1331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA1331
}
```

## Border

The CSS property to change the border of an element to Hex FA1331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

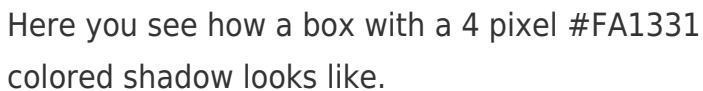
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FA1331 }
```

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

```
.border{ border-color:#FA1331 }
```

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



Here you see how a box with a 4 pixel `#FA1331` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA1331; -webkit-box-shadow:4px 4px  
4px 4px #FA1331; box-shadow:4px 4px 4px  
4px #FA1331 }
```

# Background

The CSS property to change the background color of an element to Hex FA1331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA1331 }
```

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

```
.background{ background-color:#FA1331 }
```

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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