

# Converting Colors

Hex(FB2131)

Have a look what the booklet for  
Hex(FB2131) contains.

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**Color**

**Hex(FB2131)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB2131
RGB	251, 33, 49
RGB Percent	98%, 13%, 19%
CMY	0.0157, 0.8706, 0.8078
CMYK	0.00, 0.87, 0.80, 0.02
HSL	356°, 96%, 56%
HSV	356°, 87%, 98%
XYZ	40.8819, 21.8187, 4.9624
YIQ	100.0060, 124.7920, 51.1920

# Conversions

## Conversions Part 2

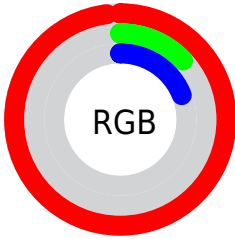
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">251, 33, 49</a>
Decimal	<a href="#">16458033</a>
CIELab	<a href="#">53.83, 76.42, 48.96</a>
CIElCh	<a href="#">54, 90.760, 32.649</a>
Yxy	<a href="#">21.8187, 0.6042, 0.3225</a>
Android (android.graphics.Color)	<a href="#">4294648113 (0xFFFB2131)</a>
YUV	<a href="#">100.0060, -25.1460, 132.4217</a>
Hunter-Lab	<a href="#">46.7105, 74.4832, 26.3985</a>

# Details

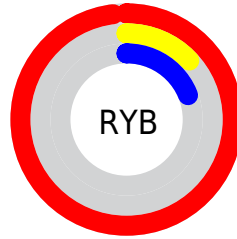
The Hex color **FB2131** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **21FBEB**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF6A61**, and **B90004** is the 20% darker color. If you saturate the color by 10%, you get **FB081A**, and if you desaturate by 10%, it is **FB3A48**.

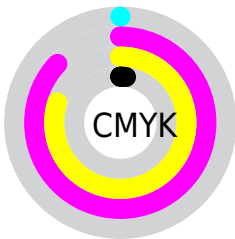
# Distribution



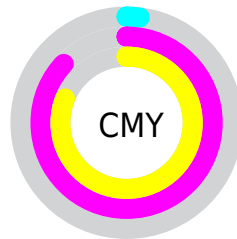
- Red (98%)
- Green (13%)
- Blue (19%)



- Red (98%)
- Yellow (13%)
- Blue (19%)



- Cyan (0%)
- Magenta (87%)
- Yellow (80%)
- Black (2%)



- Cyan (2%)
- Magenta (87%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB2131 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 FB2131 by changing the saturation by 10% instead.



 FB2131

 FB2131

FFFFFF

 DA001B

 FF6A61

 B90004

 FF887A

 980000

 FFA694

 780001

 FFC4AF

 580003

 FFE3CA

 390002

 FFFF7E

 100000

 000000

 FB2131

 FB2131

 FB081A

 FB3A48

 FB0012

 FB5360

 FB6C77

 FB858E

 FB9FA5

 FBB8BD

 FBD1D4

 FBFAEB

 FBFFFF

# Harmonies

## Analogous

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



FF007D



FB2131



D35E00

# Triad

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



FB2131



009C31



008AFF

# Complementary

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



FB2131



21FBEB

# 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.



009BFF



FB2131



00A086

# Square

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



FB2131



419300



00A0D4



7D67FF

# Rectangle

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



FB2131



AD7700



00A0D4



0091FF



# Sweetspot

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



FB2131



FFBDC2



E921FB



80585B



000000



808080



# Same Dimension

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



FB2131



FF0013



FB7C21



7D7071



BD000E



3D0004



# Inverse Universe

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



FB2131



FF0013



21A0FB



7D7071



BD000E



3D0004



# Previews

## White Background



This preview shows how the Hex color FB2131 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 FB2131 Background



This preview shows how black text looks on a background with the Hex color FB2131.

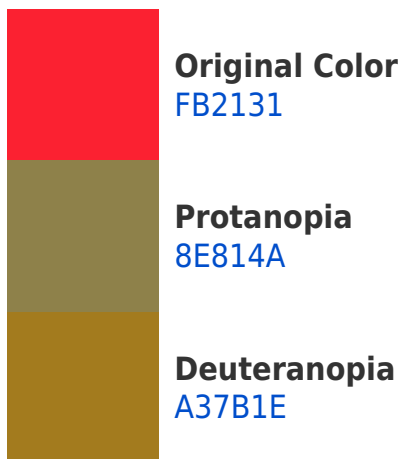


This preview shows how white text looks on a background with the Hex color FB2131.

# 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





# Trichromacy



**Original Color**  
FB2131



**Protanomaly**  
B65E41



**Deuteranomaly**  
C35A25



**Tritanomaly**  
FB2326

# Monochromacy



**Original Color**  
FB2131



**Achromatopsia**  
646464



**Achromatomaly**  
9B4C51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB2131 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 #FB2131 looks like.

```
.text, #text, p{  
    color:#FB2131  
}
```

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 #FB2131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB2131
}
```

## Border

The CSS property to change the border of an element to Hex FB2131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

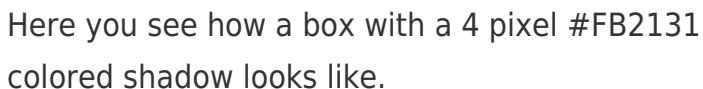
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FB2131 }
```

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

```
.border{ border-color:#FB2131 }
```

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



Here you see how a box with a 4 pixel `#FB2131` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB2131; -webkit-box-shadow:4px 4px  
4px 4px #FB2131; box-shadow:4px 4px 4px  
4px #FB2131 }
```

# Background

The CSS property to change the background color of an element to Hex FB2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB2131 }
```

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

```
.background{ background-color:#FB2131 }
```

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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