

# Converting Colors

Hex(FB2436)

Have a look what the booklet for  
Hex(FB2436) contains.

|  |    |
|--|----|
| <b>Hex(FB2436)</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(FB2436)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FB2436                      |
| RGB         | 251, 36, 54                 |
| RGB Percent | 98%, 14%, 21%               |
| CMY         | 0.0157, 0.8588, 0.7882      |
| CMYK        | 0.00, 0.86, 0.78, 0.02      |
| HSL         | 355°, 96%, 56%              |
| HSV         | 355°, 86%, 98%              |
| XYZ         | 41.0804, 22.0373, 5.5785    |
| YIQ         | 102.3370, 122.3620, 51.1780 |

# Conversions

## Conversions Part 2

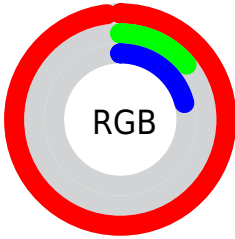
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">251, 36, 54</a>                      |
| Decimal                             | <a href="#">16458806</a>                         |
| CIELab                              | <a href="#">54.07, 76.03, 46.52</a>              |
| CIELCh                              | <a href="#">54, 89.132, 31.464</a>               |
| Yxy                                 | <a href="#">22.0373, 0.5980,<br/>0.3208</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4294648886<br/>(0xFFFB2436)</a>      |
| YUV                                 | <a href="#">102.3370, -23.8301,<br/>130.3775</a> |
| Hunter-Lab                          | <a href="#">46.9439, 74.0526,<br/>25.8152</a>    |

# Details

The Hex color **FB2436** 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 **24FBE9**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6B66**, and **B9000A** is the 20% darker color. If you saturate the color by 10%, you get **FB0B1F**, and if you desaturate by 10%, it is **FB3D4D**.

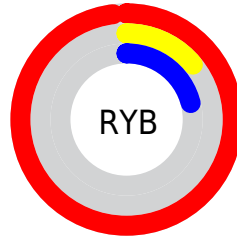
# Distribution



Red (98%)

Green (14%)

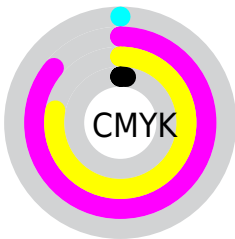
Blue (21%)



Red (98%)

Yellow (14%)

Blue (21%)

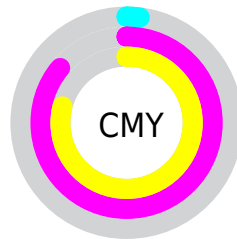


Cyan (0%)

Magenta (86%)

Yellow (78%)

Black (2%)



Cyan (2%)

Magenta (86%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB2436 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 FB2436 by changing the saturation by 10% instead.



 FB2436

 FB2436

FFFFFF

 DA0020

 FF6B66

 B9000A

 FF8A7F

 980000

 FFA899

 780000

 FFC6B4

 590003

 FFE4D0

 3A0002

 FFFFEC

 110000

 000000

 FB2436

 FB2436

 FB0B1F

 FB3D4D

 FB0015

 FB5664

 FB6F7B

 FB8892

 FBA2A9

 FBBBC0

 FBD4D7

 FBEDEE

 FBFFFF

# Harmonies

## Analogous

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



FF0081



FB2436



D55E00

# Triad

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



FB2436



009C2F



008BFF

# Complementary

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



FB2436



24FBE9

# 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



FB2436



00A083

# Square

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



FB2436



499300



00A1D0



786AFF

# Rectangle

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



FB2436



AF7600



00A1D0



0092FF



# Sweetspot

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



FB2436



FFBDC2



E624FB



80585B



000000



808080



# Same Dimension

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



FB2436



FF0015



FB7A24



7D7072



BD0010



3D0005



# Inverse Universe

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



FB2436



FF0015



24A5FB



7D7072



BD0010



3D0005



# Previews

## White Background



This preview shows how the Hex color FB2436 looks on a white background.

## Color Contrast Check

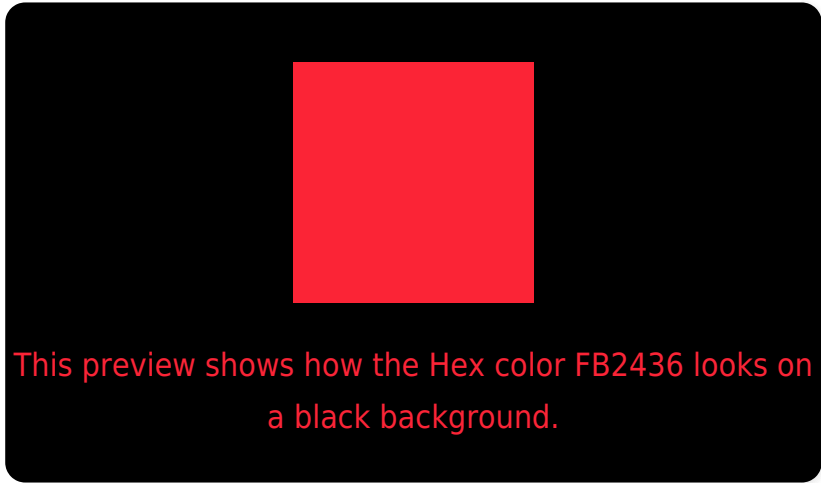
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB2436 Background



This preview shows how black text looks on a background with the Hex color FB2436.



This preview shows how white text looks on a background with the Hex color FB2436.

# 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**  
FB2436

**Protanomaly**  
B66047

**Deuteranomaly**  
C35B2C

**Tritanomaly**  
FB262B

# Monochromacy



**Original Color**  
FB2436

**Achromatopsia**  
666666

**Achromatomaly**  
9C4E55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB2436 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 #FB2436 looks like.

```
.text, #text, p{  
    color:#FB2436  
}
```

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 #FB2436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB2436
}
```

## Border

The CSS property to change the border of an element to Hex FB2436 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".

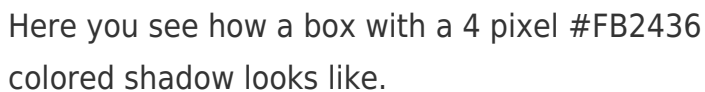
```
.border, #border, table{ border:4px solid
#FB2436 }
```

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

```
.border{ border-color:#FB2436 }
```

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

Here you see how a box with a 4 pixel #FB2436 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The text inside the box is "Here you see how a box with a 4 pixel #FB2436 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB2436; -webkit-box-shadow:4px 4px  
4px 4px #FB2436; box-shadow:4px 4px 4px  
4px #FB2436 }
```

# Background

The CSS property to change the background color of an element to Hex FB2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB2436 }
```

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

```
.background{ background-color:#FB2436 }
```

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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