

# Converting Colors

Hex(BF131F)

Have a look what the booklet for  
Hex(BF131F) contains.

<b>Hex(BF131F)</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(BF131F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF131F
RGB	191, 19, 31
RGB Percent	75%, 7%, 12%
CMY	0.2510, 0.9255, 0.8784
CMYK	0.00, 0.90, 0.84, 0.25
HSL	356°, 82%, 41%
HSV	356°, 90%, 75%
XYZ	21.9661, 11.6410, 2.3855
YIQ	71.7960, 98.6600, 40.1960

# Conversions

## Conversions Part 2

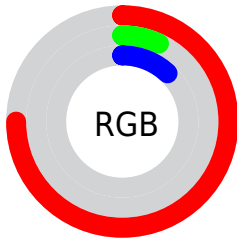
Format	Color
R <sub>Y</sub> B	191, 19, 31
Decimal	12522271
CIE Lab	40.64, 62.70, 41.69
CIE LCh	41, 75.296, 33.621
Yxy	11.6410, 0.6103, 0.3234
Android (android.graphics.Color)	4290712351 (0xFFBF131F)
YUV	71.7960, -20.1124, 104.5419
Hunter-Lab	34.1190, 55.2115, 19.7378

# Details

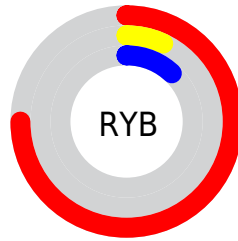
The Hex color **BF131F** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **13BFB3**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF584D**, and **800000** is the 20% darker color. If you saturate the color by 10%, you get **BF000D**, and if you desaturate by 10%, it is **BF2631**.

# Distribution



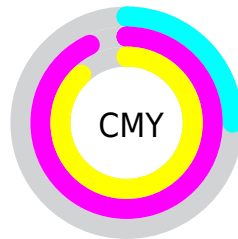
- Red (75%)
- Green (7%)
- Blue (12%)



- Red (75%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (90%)
- Yellow (84%)
- Black (25%)



- Cyan (25%)
- Magenta (93%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF131F 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 BF131F by changing the saturation by 10% instead.





BF131F



BF131F

FFFFFF



9F0009



FF584D



800000



FF7565



610000



FF917E



450003



FFAE98



240001



FFCBB3



000000



FFE9CF



FFFFEB



BF131F



BF131F

 BF000D

 BF2631

 BF3943

 BF4C54

 BF5F66

 BF7278

 BF868A

 BF999B

 BFACAD

 BFBFBF

# Harmonies

## Analogous

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



C7005B



BF131F



9F4600

# Triad

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



BF131F



007523



0066DD

# Complementary

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



BF131F



13BFB3

# 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.



0074D0



BF131F



007866

# Square

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



BF131F



2A6F00



0079A3



604BC8

# Rectangle

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



BF131F



815900



0079A3



006CDD



# Sweetspot

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



BF131F



F7B5B9



B113BF



7D5558



FCFCFC



7D7D7D



# Same Dimension

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



BF131F



F70011



BF5B13



5E5556



9E000B



1F0002



# Inverse Universe

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



BF131F



F70011



1377BF



5E5556



9E000B



1F0002



# Previews

## White Background



This preview shows how the Hex color BF131F looks on a white background.

## Color Contrast Check

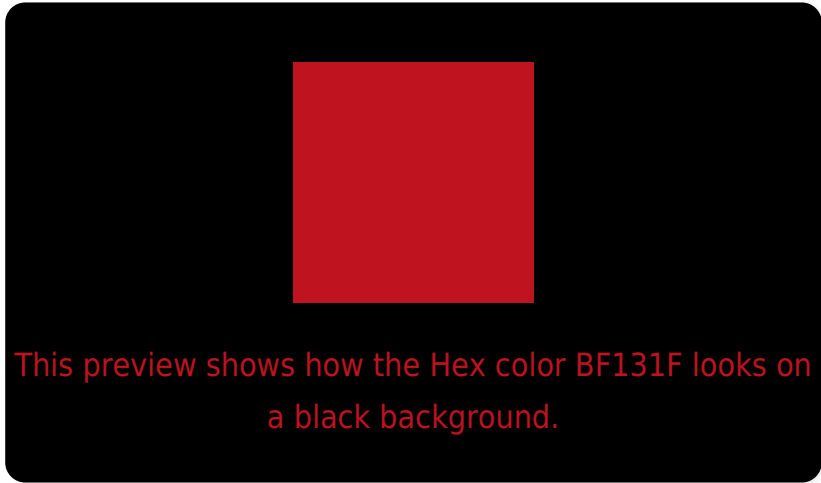
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BF131F Background



This preview shows how black text looks on a background with the Hex color BF131F.



This preview shows how white text looks on a background with the Hex color BF131F.

# 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**  
BF131F

**Protanopia**  
6C6231

**Deuteranopia**  
7B5C08



**Tritanopia**  
BF1610

# Trichromacy



**Original Color**  
BF131F

**Protanomaly**  
8A452A

**Deuteranomaly**  
944110

**Tritanomaly**  
BF1515

# Monochromacy



**Original Color**  
BF131F

**Achromatopsia**  
484848

**Achromatomaly**  
733539

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF131F 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 #BF131F looks like.

```
.text, #text, p{  
    color:#BF131F  
}
```

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 #BF131F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF131F
}
```

## Border

The CSS property to change the border of an element to Hex BF131F is called "border". The border property can be set on classes, ids or directly on the HTML element.

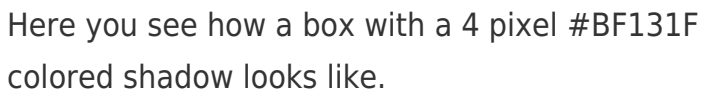
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF131F }
```

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

```
.border{ border-color:#BF131F }
```

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



Here you see how a box with a 4 pixel `#BF131F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF131F; -webkit-box-shadow:4px 4px  
4px 4px #BF131F; box-shadow:4px 4px 4px  
4px #BF131F }
```

# Background

The CSS property to change the background color of an element to Hex BF131F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF131F }
```

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

```
.background{ background-color:#BF131F }
```

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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