

Converting Colors

Hex(B0371F)

Have a look what the booklet for
Hex(B0371F) contains.

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Color

Hex(B0371F)

Conversions

Conversions Part 1

Format	Color
Hex	B0371F
RGB	176, 55, 31
RGB Percent	69%, 22%, 12%
CMY	0.3098, 0.7843, 0.8784
CMYK	0.00, 0.69, 0.82, 0.31
HSL	10°, 70%, 41%
HSV	10°, 82%, 69%
XYZ	19.5180, 12.0614, 2.5957
YIQ	88.4430, 79.8200, 18.1880

Conversions

Conversions Part 2

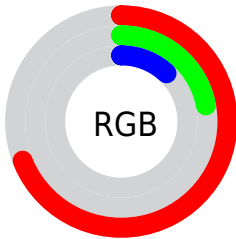
Format	Color
R_{YB}	176, 60, 31
Decimal	11548447
CIE Lab	41.31, 47.95, 41.26
CIE LCh	41, 63.252, 40.711
Yxy	12.0614, 0.5711, 0.3529
Android (android.graphics.Color)	4289738527 (0xFFB0371F)
YUV	88.4430, -28.3194, 76.7875
Hunter-Lab	34.7295, 39.5403, 19.8793

Details

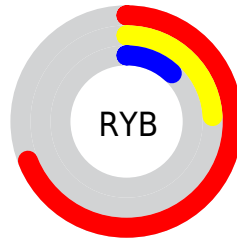
The Hex color **B0371F** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1F98B0**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **EE6D4E**, and **740000** is the 20% darker color. If you saturate the color by 10%, you get **B0280D**, and if you desaturate by 10%, it is **B04631**.

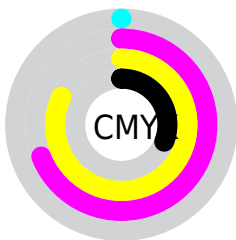
Distribution



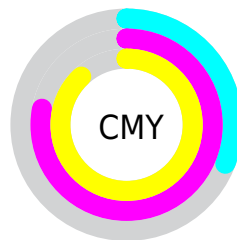
- Red (69%)
- Green (22%)
- Blue (12%)



- Red (69%)
- Yellow (24%)
- Blue (12%)



- Cyan (0%)
- Magenta (69%)
- Yellow (82%)
- Black (31%)



- Cyan (31%)
- Magenta (78%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0371F 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 B0371F by changing the saturation by 10% instead.

 B0371F

 B0371F

FFFFFF

 911908

 EE6D4E

 740000

 FF8866

 560000

 FFA380

 3B0002

 FFBF9A

 170000

 FFDCB5

 000000

 FFF9D1

 FFFFED

 B0371F

 B0371F

 B0280D

 B04631

 B01D00

 B05442

 B06354

 B07265

 B08077

 B08F89

 B09E9A

 B0ACAC

 B0BBBD

Harmonies

Analogous

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



BB1D51



B0371F



915200

Triad

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



B0371F



00763D



0062C9

Complementary

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



B0371F



1F98B0

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.



0070C4



B0371F



007873

Square

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



B0371F



277000



0077A5



794AB1

Rectangle

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



B0371F



766000



0077A5



0068CB

Sweetspot

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



B0371F



E6B6AC



B01F9A



735650



F2F2F2



737373

Same Dimension

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



B0371F



E62802



B07D1F



595250



991900



1A0400

Inverse Universe

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



1F98B0



02C0E6



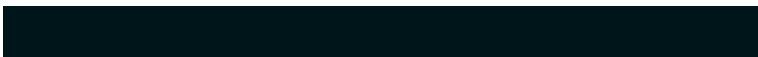
1F52B0



505859



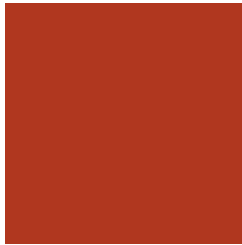
008099



00151A

Previews

White Background



This preview shows how the Hex color B0371F looks on a white background.

Color Contrast Check

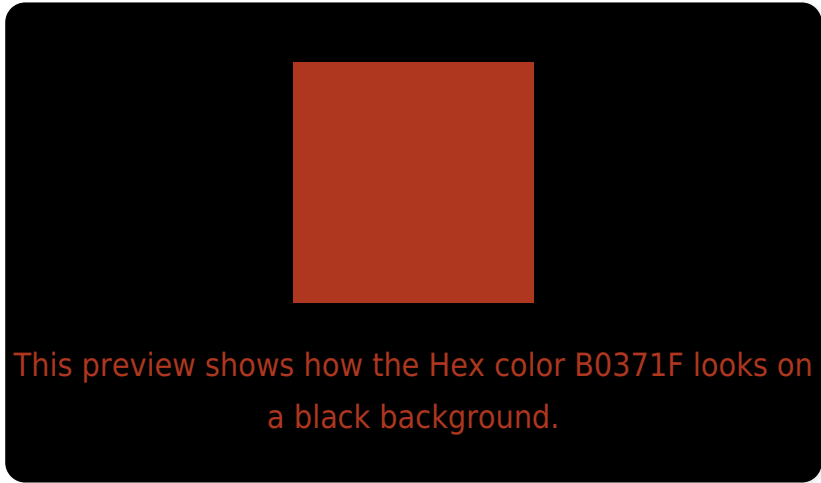
Large Text (above 18pt) WCAG AA ✓ Pass

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 B0371F Background



This preview shows how black text looks on a background with the Hex color B0371F.



This preview shows how white text looks on a background with the Hex color B0371F.

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

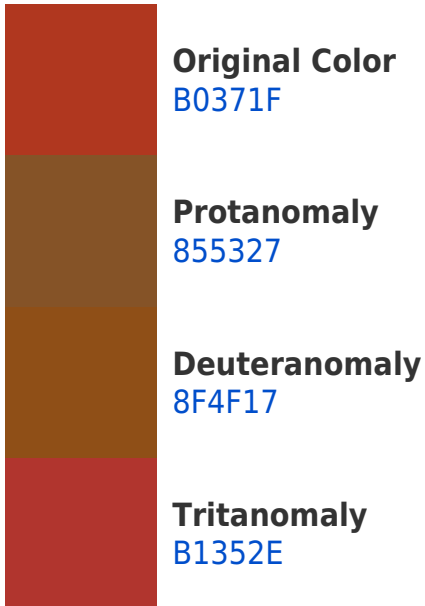


Original Color
B0371F

Protanopia
6D632B

Deuteranopia
7C5D12

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0371F 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 #B0371F looks like.

```
.text, #text, p{  
    color:#B0371F  
}
```

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 #B0371F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0371F
}
```

Border

The CSS property to change the border of an element to Hex B0371F 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".

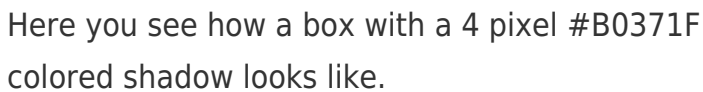
```
.border, #border, table{ border:4px solid
#B0371F }
```

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

```
.border{ border-color:#B0371F }
```

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

Here you see how a box with a 4 pixel #B0371F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0371F; -webkit-box-shadow:4px 4px  
4px 4px #B0371F; box-shadow:4px 4px 4px  
4px #B0371F }
```

Background

The CSS property to change the background color of an element to Hex B0371F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0371F }
```

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

```
.background{ background-color:#B0371F }
```

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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