

Converting Colors

Hex(B0311A)

Have a look what the booklet for
Hex(B0311A) contains.

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Color

Hex(B0311A)

Conversions

Conversions Part 1

Format	Color
Hex	B0311A
RGB	176, 49, 26
RGB Percent	69%, 19%, 10%
CMY	0.3098, 0.8078, 0.8980
CMYK	0.00, 0.72, 0.85, 0.31
HSL	9°, 74%, 40%
HSV	9°, 85%, 69%
XYZ	19.1893, 11.5013, 2.1859
YIQ	84.3510, 83.0750, 19.7710

Conversions

Conversions Part 2

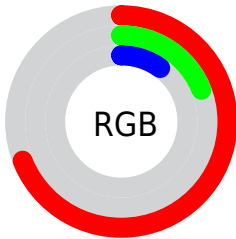
Format	Color
R_{YB}	176, 53, 26
Decimal	11546906
CIE _{Lab}	40.41, 50.16, 42.91
CIE _{LCh}	40, 66.011, 40.541
Yxy	11.5013, 0.5837, 0.3498
Android (android.graphics.Color)	4289736986 (0xFFB0311A)
YUV	84.3510, -28.7670, 80.3762
Hunter-Lab	33.9136, 41.6516, 19.9180

Details

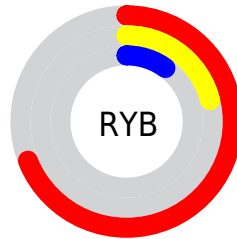
The Hex color **B0311A** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **1A99B0**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **EF6849**, and **730000** is the 20% darker color. If you saturate the color by 10%, you get **B02208**, and if you desaturate by 10%, it is **B0402C**.

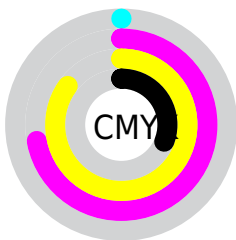
Distribution



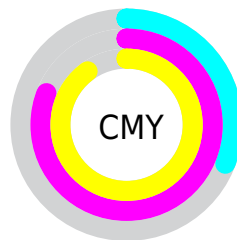
- Red (69%)
- Green (19%)
- Blue (10%)



- Red (69%)
- Yellow (21%)
- Blue (10%)



- Cyan (0%)
- Magenta (72%)
- Yellow (85%)
- Black (31%)



- Cyan (31%)
- Magenta (81%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0311A 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 B0311A by changing the saturation by 10% instead.

 B0311A

 B0311A

FFFFFF

 911002

 EF6849

 730000

 FF8361

 550000

 FF9E7A

 3A0002

 FFBA94

 140000

 FFD7AF

 000000

 FFF4CB

 FFFFE7

 B0311A

 B0311A

 B02208

 B0402C

 B01B00

 B04F3D

 B05E4F

 B06D60

 B07C72

 B08A84

 B09995

 B0A8A7

 B0B7B8

Harmonies

Analogous

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



BC0D4F



B0311A



904F00

Triad

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



B0311A



007439



0060CB

Complementary

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



B0311A



1A99B0

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.



006FC6



B0311A



007672

Square

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



B0311A



1F6E00



0075A5



7646B2

Rectangle

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



B0311A



745E00



0075A5



0066CD

Sweetspot

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



B0311A



E6B3AA



B01A9A



73554F



F2F2F2



737373

Same Dimension

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



B0311A



E62300



B07B1A



595250



991700



1A0400

Inverse Universe

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



1A99B0



00C2E6



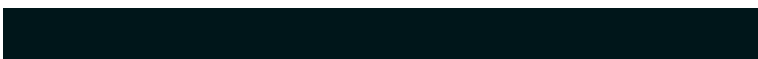
1A4FB0



505859



008299



00161A

Previews

White Background



This preview shows how the Hex color B0311A looks on a white background.

Color Contrast Check

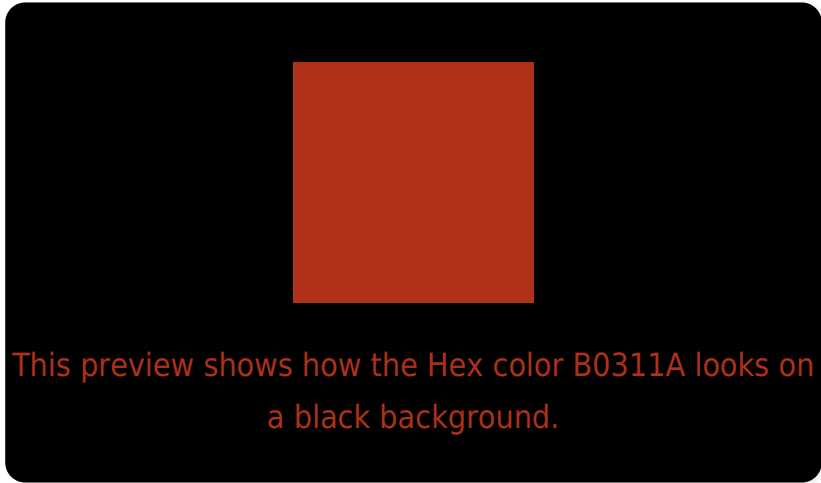
Large Text (above 18pt) WCAG AA ✓ Pass

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 B0311A Background



This preview shows how black text looks on a background with the Hex color B0311A.



This preview shows how white text looks on a background with the Hex color B0311A.

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
B0311A

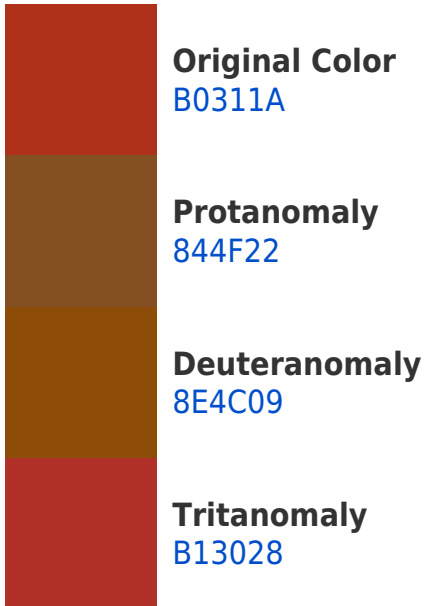
Protanopia
6B6026

Deuteranopia
7A5B00

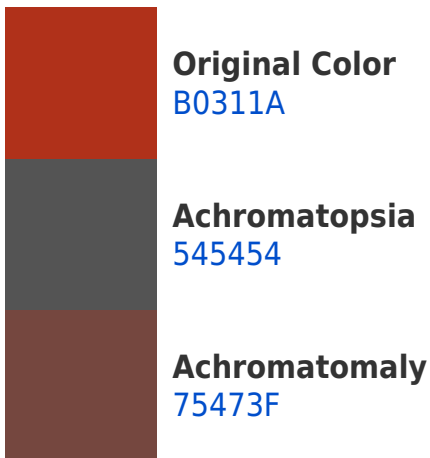


Tritanopia
B12F30

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0311A 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 #B0311A looks like.

```
.text, #text, p{  
    color:#B0311A  
}
```

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 #B0311A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0311A
}
```

Border

The CSS property to change the border of an element to Hex B0311A 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
#B0311A }
```

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

```
.border{ border-color:#B0311A }
```

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

Here you see how a box with a 4 pixel #B0311A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0311A; -webkit-box-shadow:4px 4px  
4px 4px #B0311A; box-shadow:4px 4px 4px  
4px #B0311A }
```

Background

The CSS property to change the background color of an element to Hex B0311A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0311A }
```

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

```
.background{ background-color:#B0311A }
```

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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