

Converting Colors

Hex(B31701)

Have a look what the booklet for
Hex(B31701) contains.

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Color

Hex(B31701)

Conversions

Conversions Part 1

Format	Color
Hex	B31701
RGB	179, 23, 1
RGB Percent	70%, 9%, 0%
CMY	0.2980, 0.9098, 0.9961
CMYK	0.00, 0.87, 0.99, 0.30
HSL	7°, 99%, 35%
HSV	7°, 99%, 70%
XYZ	18.9023, 10.1987, 1.0010
YIQ	67.1360, 100.0380, 26.2300

Conversions

Conversions Part 2

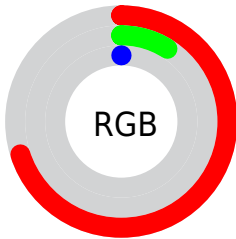
Format	Color
R_{YB}	179, 26, 1
Decimal	11736833
CIE Lab	38.20, 58.25, 51.55
CIE LCh	38, 77.778, 41.508
Yxy	10.1987, 0.6279, 0.3388
Android (android.graphics.Color)	4289926913 (0xFFB31701)
YUV	67.1360, -32.6050, 98.1047
Hunter-Lab	31.9354, 49.7657, 20.4964

Details

The Hex color **B31701** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **019DB3**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **F35733**, and **740000** is the 20% darker color. If you saturate the color by 10%, you get **B31600**, and if you desaturate by 10%, it is **B32713**.

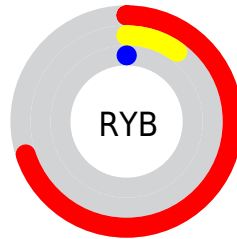
Distribution



Red (70%)

Green (9%)

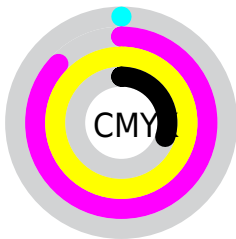
Blue (0%)



Red (70%)

Yellow (10%)

Blue (0%)

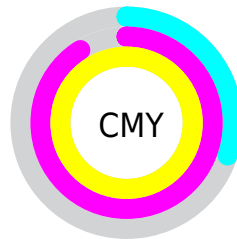


Cyan (0%)

Magenta (87%)

Yellow (99%)

Black (30%)



Cyan (30%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B31701 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 B31701 by changing the saturation by 10% instead.

 B31701

 B31701

 FFFFEC

 940000

 F35733

 740000

 FF734C

 550000

 FF8F65

 3A0002

 FFAB7E

 120000

 FFC899

 000000

 FFE5B4

 FFFF00

 B31701

 B31701

 B31600

 B32713

 B33625

 B34637

 B35649

 B3655B

 B3756C

 B3857E

 B39590

 B3A4A2

Harmonies

Analogous

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



C30045



B31701



8D4800

Triad

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



B31701



00702E



005BD8

Complementary

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



B31701



019DB3

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.



006CD4



B31701



007372

Square

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



B31701



006B00



0072AD



7538BA

Rectangle

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



B31701



6C5900



0072AD



0062DB

Sweetspot

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



B31701



E8ABA2



B3019E



75504B



F5F5F5



757575

Same Dimension

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



B31701



E81D00



B36F01



595150



991300



1A0300

Inverse Universe

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



019DB3



00CBE8



0145B3



505859



008699



00161A

Previews

White Background



This preview shows how the Hex color B31701 looks on a white background.

Color Contrast Check

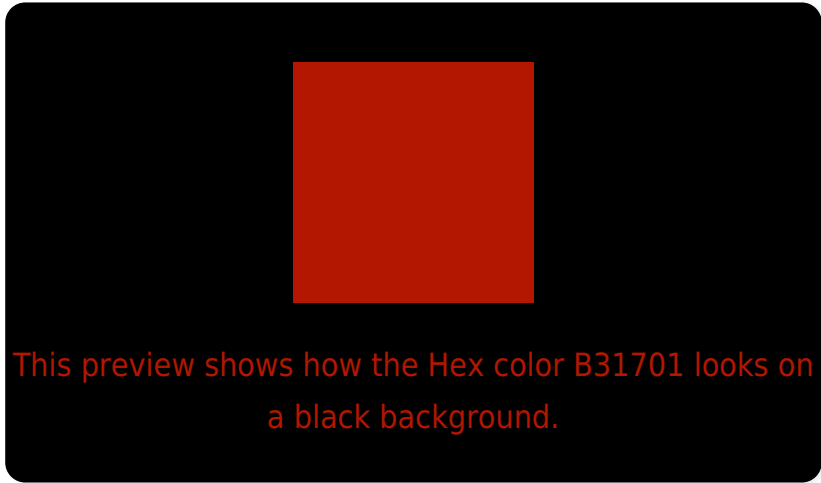
Large Text (above 18pt) WCAG AA ✓ Pass

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

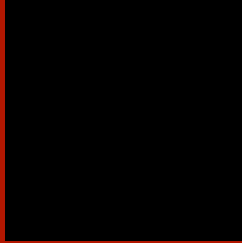
Any Text WCAG AA × Fail

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 B31701 Background



This preview shows how black text looks on a background with the Hex color B31701.



This preview shows how white text looks on a background with the Hex color B31701.

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
B31701

Protanopia
675C16

Tritanopia
B31612

Trichromacy



Original Color
B31701

Protanomaly
83430E

Tritanomaly
B3160C

Monochromacy



Original Color
B31701

Achromatopsia
434343

Achromatomaly
6C332B

CSS Examples

Text

The CSS property to change the color of the text to Hex B31701 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 #B31701 looks like.

```
.text, #text, p{  
    color:#B31701  
}
```

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 #B31701 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B31701
}
```

Border

The CSS property to change the border of an element to Hex B31701 is called "border". The border property can be set on classes, ids or directly on the HTML element.

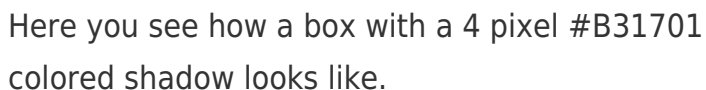
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B31701 }
```

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

```
.border{ border-color:#B31701 }
```

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



Here you see how a box with a 4 pixel #B31701 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B31701; -webkit-box-shadow:4px 4px  
4px 4px #B31701; box-shadow:4px 4px 4px  
4px #B31701 }
```

Background

The CSS property to change the background color of an element to Hex B31701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B31701 }
```

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

```
.background{ background-color:#B31701 }
```

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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