

Converting Colors

Hex(B4131C)

Have a look what the booklet for
Hex(B4131C) contains.

Hex(B4131C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B4131C)

Conversions

Conversions Part 1

Format	Color
Hex	B4131C
RGB	180, 19, 28
RGB Percent	71%, 7%, 11%
CMY	0.2941, 0.9255, 0.8902
CMYK	0.00, 0.89, 0.84, 0.29
HSL	357°, 81%, 39%
HSV	357°, 89%, 71%
XYZ	19.2649, 10.2529, 2.0622
YIQ	68.1650, 93.0670, 36.9310

Conversions

Conversions Part 2

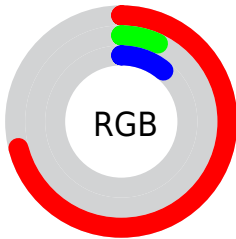
Format	Color
R_{YB}	180, 19, 28
Decimal	11801372
CIE Lab	38.29, 59.69, 40.30
CIE LCh	38, 72.015, 34.024
Yxy	10.2529, 0.6100, 0.3247
Android (android.graphics.Color)	4289991452 (0xFFB4131C)
YUV	68.1650, -19.8013, 98.0793
Hunter-Lab	32.0201, 51.3591, 18.5955

Details

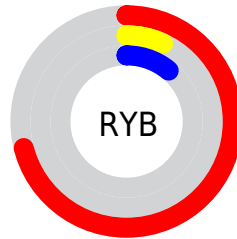
The Hex color **B4131C** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **13B4AB**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **F45649**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B4010B**, and if you desaturate by 10%, it is **B4252D**.

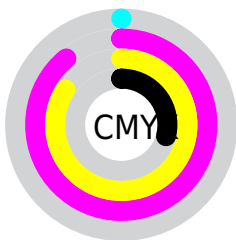
Distribution



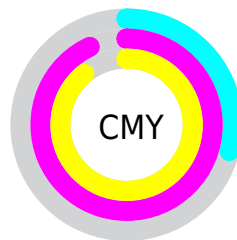
- Red (71%)
- Green (7%)
- Blue (11%)



- Red (71%)
- Yellow (7%)
- Blue (11%)



- Cyan (0%)
- Magenta (89%)
- Yellow (84%)
- Black (29%)



- Cyan (29%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4131C 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 B4131C by changing the saturation by 10% instead.

 B4131C

 B4131C

FFFFFF

 950005

 F45649

 760000

 FF7261

 570000

 FF8E7A

 3B0002

 FFAB95

 150000

 FFC8AF

 000000

 FFE5CB

 FFFFE7

 B4131C

 B4131C

 B4010B

 B4252D

 B4000A

 B4373E

 B4494F

 B45B60

 B46D71

 B47F82

 B49193

 B4A3A4

 B4B5B5

Harmonies

Analogous

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



BC0055



B4131C



964200

Triad

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



B4131C



006F21



0060D1

Complementary

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



B4131C



13B4AB

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.



006DC4



B4131C



007161

Square

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



B4131C



266800



00729B



5C46BD

Rectangle

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



B4131C



795400



00729B



0066D0

Sweetspot

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



B4131C



EBABAF



A913B4



755052



F5F5F5



757575

Same Dimension

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



B4131C



EB000D



B45913



595051



990009



1A0001

Inverse Universe

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



B4131C



EB000D



136EB4



595051



990009



1A0001

Previews

White Background



This preview shows how the Hex color B4131C looks on a white background.

Color Contrast Check

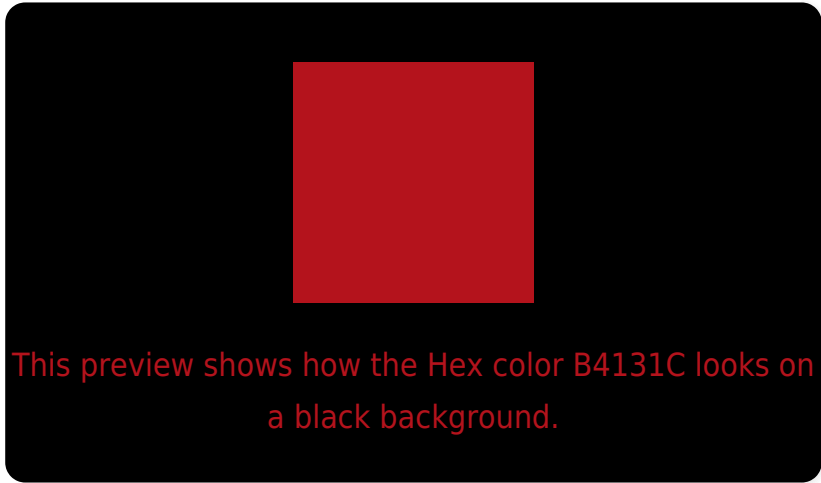
Large Text (above 18pt) WCAG AA ✓ Pass

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 B4131C Background



This preview shows how black text looks on a background with the Hex color B4131C.



This preview shows how white text looks on a background with the Hex color B4131C.

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
B4131C

Protanopia
665C2D

Deuteranopia
745700



Tritanopia
B41510

Trichromacy



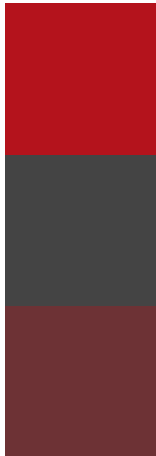
Original Color
B4131C

Protanomaly
824127

Deuteranomaly
8B3E0A

Tritanomaly
B41414

Monochromacy



Original Color
B4131C

Achromatopsia
444444

Achromatomaly
6D3235

CSS Examples

Text

The CSS property to change the color of the text to Hex B4131C 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 #B4131C looks like.

```
.text, #text, p{  
    color:#B4131C  
}
```

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 #B4131C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4131C
}
```

Border

The CSS property to change the border of an element to Hex B4131C is called "border". The border property can be set on classes, ids or directly on the HTML element.

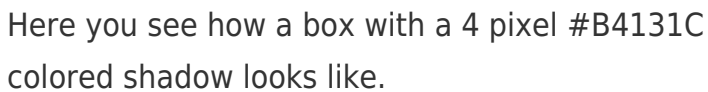
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4131C }
```

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

```
.border{ border-color:#B4131C }
```

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



Here you see how a box with a 4 pixel #B4131C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4131C; -webkit-box-shadow:4px 4px  
4px 4px #B4131C; box-shadow:4px 4px 4px  
4px #B4131C }
```

Background

The CSS property to change the background color of an element to Hex B4131C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4131C }
```

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

```
.background{ background-color:#B4131C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor