

Converting Colors

Hex(B31930)

Have a look what the booklet for
Hex(B31930) contains.

Hex(B31930)	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(B31930)

Conversions

Conversions Part 1

Format	Color
Hex	B31930
RGB	179, 25, 48
RGB Percent	70%, 10%, 19%
CMY	0.2980, 0.9020, 0.8118
CMYK	0.00, 0.86, 0.73, 0.30
HSL	351°, 75%, 40%
HSV	351°, 86%, 70%
XYZ	19.4715, 10.4924, 3.7953
YIQ	73.6680, 84.4010, 39.8010

Conversions

Conversions Part 2

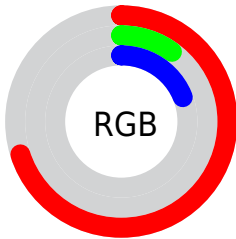
Format	Color
R_{YB}	179, 25, 48
Decimal	11737392
CIE Lab	38.71, 58.92, 29.00
CIE LCh	39, 65.674, 26.204
Yxy	10.4924, 0.5768, 0.3108
Android (android.graphics.Color)	4289927472 (0xFFB31930)
YUV	73.6680, -12.6543, 92.3762
Hunter-Lab	32.3919, 50.6146, 15.7275

Details

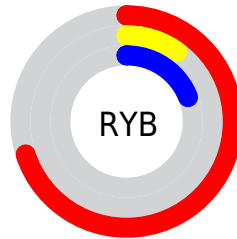
The Hex color **B31930** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **19B39C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **F2595E**, and **760003** is the 20% darker color. If you saturate the color by 10%, you get **B30721**, and if you desaturate by 10%, it is **B32B3F**.

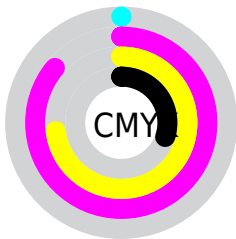
Distribution



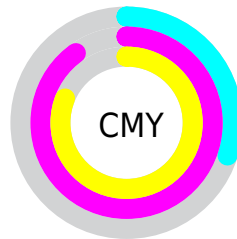
- Red (70%)
- Green (10%)
- Blue (19%)



- Red (70%)
- Yellow (10%)
- Blue (19%)



- Cyan (0%)
- Magenta (86%)
- Yellow (73%)
- Black (30%)



- Cyan (30%)
- Magenta (90%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B31930 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 B31930 by changing the saturation by 10% instead.

 B31930

 B31930

FFFFFF

 94001B

 F2595E

 760003

 FF7577

 580000

 FF9190

 3C0003

 FFAEAB

 160000

 FFCAC6

 000000

 FFE8E2

 B31930

 B31930

 B30721

 B32B3F

 B3001B

 B33D4E

 B34F5E

 B3616D

 B3727C

 B3848B

 B3969B

 B3A8AA

 B3BAB9

Harmonies

Analogous

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



B20264



B31930



9C3E00

Triad

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



B31930



006D18



0064C7

Complementary

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



B31930



19B39C

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.



006EB4



B31930



007153

Square

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



B31930



426600



007189



4150BC

Rectangle

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



B31930



845000



007189



0069C4

Sweetspot

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



B31930



E8ACB5



9C19B3



755156



F5F5F5



757575

Same Dimension

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



B31930



E80023



B34F19



595052



990017



1A0004

Inverse Universe

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



B31930



E80023



197DB3



595052



990017



1A0004

Previews

White Background



This preview shows how the Hex color B31930 looks on a white background.

Color Contrast Check

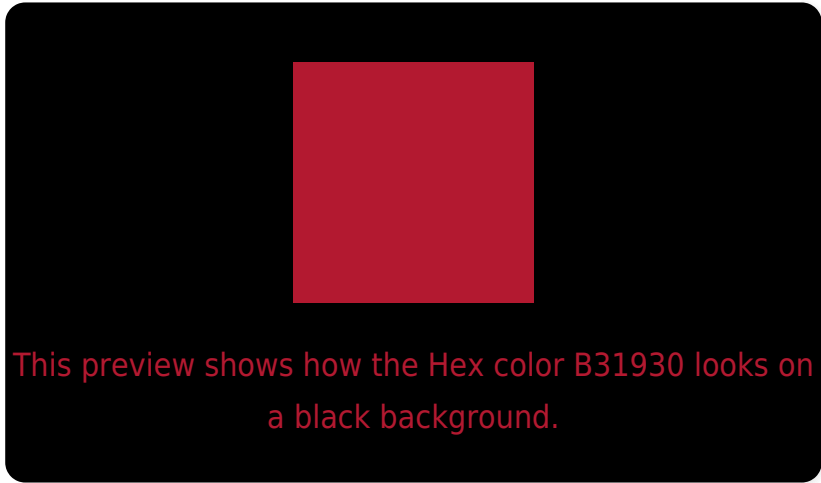
Large Text (above 18pt) WCAG AA ✓ Pass

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 B31930 Background



This preview shows how black text looks on a background with the Hex color B31930.

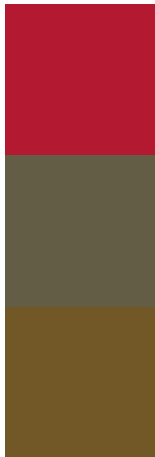


This preview shows how white text looks on a background with the Hex color B31930.

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
B31930

Protanopia
635D46

Deuteranopia
735827



Trichromacy



Original Color
B31930

Protanomaly
80443E

Deuteranomaly
8A412A

Tritanomaly
B21C23

Monochromacy



Original Color
B31930

Achromatopsia
4A4A4A

Achromatomaly
703841

CSS Examples

Text

The CSS property to change the color of the text to Hex B31930 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 #B31930 looks like.

```
.text, #text, p{  
    color:#B31930  
}
```

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 #B31930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B31930
}
```

Border

The CSS property to change the border of an element to Hex B31930 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".

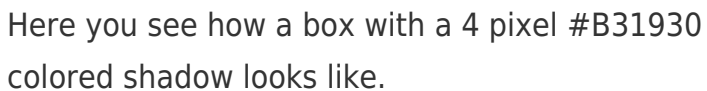
```
.border, #border, table{ border:4px solid
#B31930 }
```

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

```
.border{ border-color:#B31930 }
```

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

Here you see how a box with a 4 pixel #B31930 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B31930; -webkit-box-shadow:4px 4px  
4px 4px #B31930; box-shadow:4px 4px 4px  
4px #B31930 }
```

Background

The CSS property to change the background color of an element to Hex B31930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B31930 }
```

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

```
.background{ background-color:#B31930 }
```

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