

Converting Colors

Hex(B51845)

Have a look what the booklet for
Hex(B51845) contains.

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Color

Hex(B51845)

Conversions

Conversions Part 1

Format	Color
Hex	B51845
RGB	181, 24, 69
RGB Percent	71%, 9%, 27%
CMY	0.2902, 0.9059, 0.7294
CMYK	0.00, 0.87, 0.62, 0.29
HSL	343°, 77%, 40%
HSV	343°, 87%, 71%
XYZ	20.4569, 10.9067, 6.6572
YIQ	76.0730, 79.1270, 47.2790

Conversions

Conversions Part 2

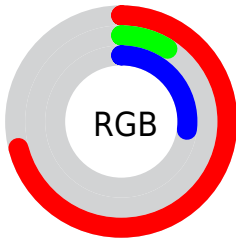
Format	Color
R_{YB}	181, 24, 69
Decimal	11868229
CIE _{Lab}	39.42, 60.75, 16.77
CIE _{LCh}	39, 63.022, 15.428
Yxy	10.9067, 0.5380, 0.2869
Android (android.graphics.Color)	4290058309 (0xFFB51845)
YUV	76.0730, -3.4870, 92.0210
Hunter-Lab	33.0253, 52.7741, 11.1660

Details

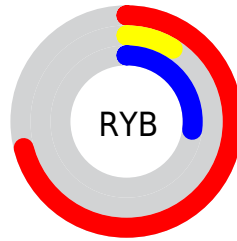
The Hex color **B51845** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **18B588**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **F35975**, and **79001B** is the 20% darker color. If you saturate the color by 10%, you get **B50638**, and if you desaturate by 10%, it is **B52A52**.

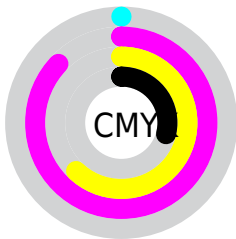
Distribution



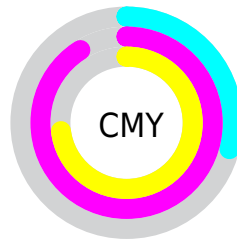
- Red (71%)
- Green (9%)
- Blue (27%)



- Red (71%)
- Yellow (9%)
- Blue (27%)



- Cyan (0%)
- Magenta (87%)
- Yellow (62%)
- Black (29%)



- Cyan (29%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B51845 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 B51845 by changing the saturation by 10% instead.

 B51845

 B51845

FFFFFF

 97002F

 F35975

 79001B

 FF768E

 5B0000

 FF92A9

 400003

 FFAFC4

 1D0001

 FFCBE0

 000000

 FFE9FC

 B51845

 B51845

 B50638

 B52A52

 B50034

 B53C5F

 B54E6C

 B56079

 B57386

 B58592

 B5979F

 B5A9AC

 B5BBB9

Harmonies

Analogous

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



AA1F78



B51845



A63712

Triad

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



B51845



0A6D01



006AC1

Complementary

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



B51845



18B588

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.



0071A6



B51845



007141

Square

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



B51845



596300



007377



005AC1

Rectangle

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



B51845



924A00



007377



006DBB

Sweetspot

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



B51845



EBAEBF



8618B5



75515B



F5F5F5



757575

Same Dimension

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



B51845



EB0043



B53718



595053



99002C



1A0007

Inverse Universe

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



B51845



EB0043



1896B5



595053



99002C



1A0007

Previews

White Background



This preview shows how the Hex color B51845 looks on a white background.

Color Contrast Check

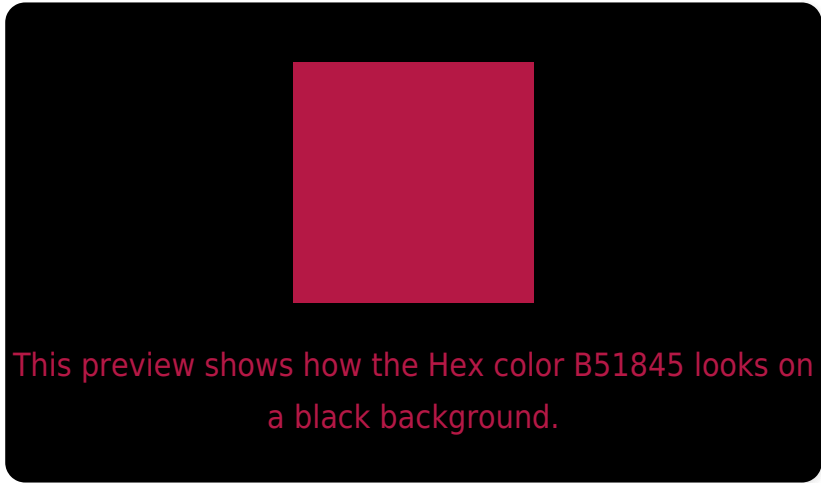
Large Text (above 18pt) WCAG AA ✓ Pass

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 B51845 Background



This preview shows how black text looks on a background with the Hex color B51845.



This preview shows how white text looks on a background with the Hex color B51845.

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

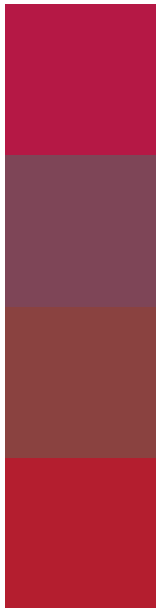


Original Color
B51845

Protanopia
5F5E62

Deuteranopia
715A3D

Trichromacy



Original Color
B51845

Protanomaly
7E4557

Deuteranomaly
8A4240

Tritanomaly
B41E2F

Monochromacy



Original Color
B51845

Achromatopsia
4C4C4C

Achromatomaly
723949

CSS Examples

Text

The CSS property to change the color of the text to Hex B51845 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 #B51845 looks like.

```
.text, #text, p{  
    color:#B51845  
}
```

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 #B51845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B51845 } }
```

Border

The CSS property to change the border of an element to Hex B51845 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".

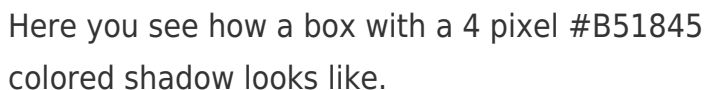
```
.border, #border, table{ border:4px solid #B51845 } }
```

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

```
.border{ border-color:#B51845 }
```

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

Here you see how a box with a 4 pixel #B51845 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B51845; -webkit-box-shadow:4px 4px  
4px 4px #B51845; box-shadow:4px 4px 4px  
4px #B51845 }
```

Background

The CSS property to change the background color of an element to Hex B51845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B51845 }
```

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

```
.background{ background-color:#B51845 }
```

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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