

# Converting Colors

Hex(B51841)

Have a look what the booklet for  
Hex(B51841) contains.

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# Color

**Hex(B51841)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B51841
RGB	181, 24, 65
RGB Percent	71%, 9%, 25%
CMY	0.2902, 0.9059, 0.7451
CMYK	0.00, 0.87, 0.64, 0.29
HSL	344°, 77%, 40%
HSV	344°, 87%, 71%
XYZ	20.3368, 10.8587, 6.0251
YIQ	75.6170, 80.4110, 46.0350

# Conversions

## Conversions Part 2

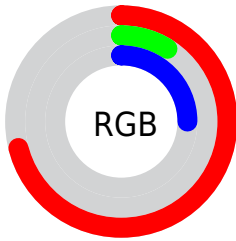
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 24, 65
Decimal	11868225
CIE Lab	39.34, 60.51, 19.20
CIE LCh	39, 63.488, 17.606
Yxy	10.8587, 0.5464, 0.2917
Android (android.graphics.Color)	4290058305 (0xFFB51841)
YUV	75.6170, -5.2342, 92.4209
Hunter-Lab	32.9525, 52.4954, 12.2261

# Details

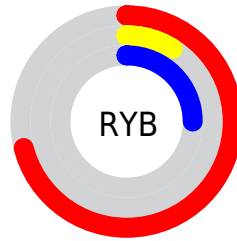
The Hex color **B51841** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **18B58C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **F35970**, and **780017** is the 20% darker color. If you saturate the color by 10%, you get **B50634**, and if you desaturate by 10%, it is **B52A4E**.

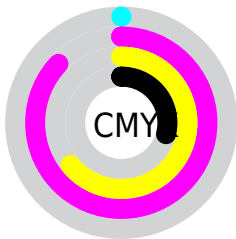
# Distribution



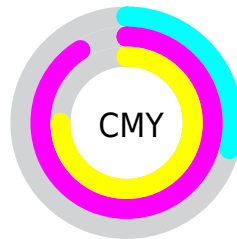
- Red (71%)
- Green (9%)
- Blue (25%)



- Red (71%)
- Yellow (9%)
- Blue (25%)



- Cyan (0%)
- Magenta (87%)
- Yellow (64%)
- Black (29%)



- Cyan (29%)
- Magenta (91%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B51841 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 B51841 by changing the saturation by 10% instead.



 B51841

 B51841

FFFFFF

 97002B

 F35970

 780017

 FF768A

 5B0000

 FF92A4

 3F0003

 FFAEBF

 1C0001

 FFCBDB

 000000

 FFE9F7

 B51841

 B51841

 B50634

 B52A4E

 B5002F

 B53C5C

 B54E69

 B56076

 B57384

 B58591

 B5979F

 B5A9AC

 B5BBB9

# Harmonies

## Analogous

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



AC1B74



B51841



A5390C

# Triad

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



B51841



006D06



0069C3

# Complementary

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



B51841



18B58C

# 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.



0071A9



B51841



007145

# Square

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



B51841



556400



00737B



0059C1

# Rectangle

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



B51841



8F4B00



00737B



006DBD



# Sweetspot

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



B51841



EBAEBE



8B18B5



75515A



F5F5F5



757575



# Same Dimension

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



B51841



EB003D



B53D18



595053



990028



1A0007



# Inverse Universe

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



B51841



EB003D



1890B5



595053



990028



1A0007



# Previews

## White Background



This preview shows how the Hex color B51841 looks on a white background.

## Color Contrast Check

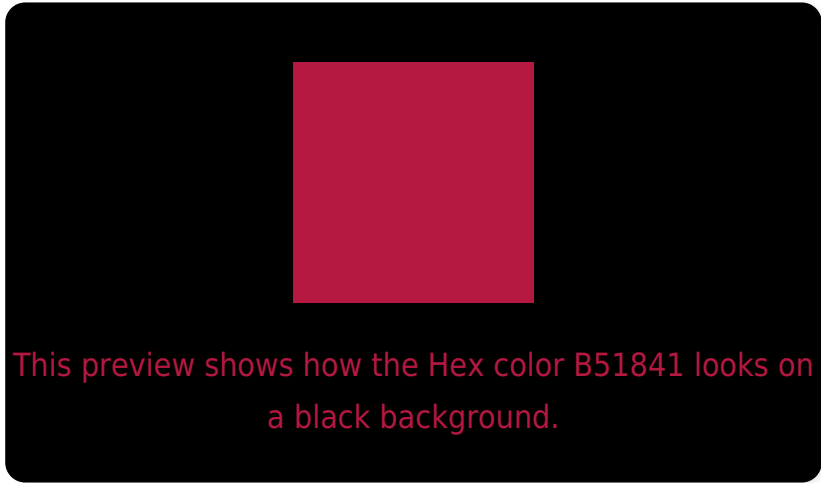
Large Text (above 18pt) WCAG AA ✓ Pass

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 B51841 Background



This preview shows how black text looks on a background with the Hex color B51841.



This preview shows how white text looks on a background with the Hex color B51841.

# 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**  
B51841

**Protanopia**  
605E5D

**Deuteranopia**  
725A39



**Tritanopia**  
B42121

# Trichromacy



**Original Color**  
B51841

**Protanomaly**  
7F4553

**Deuteranomaly**  
8A423C

**Tritanomaly**  
B41E2D

# Monochromacy



**Original Color**  
B51841

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
723948

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B51841 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 #B51841 looks like.

```
.text, #text, p{  
    color:#B51841  
}
```

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 #B51841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B51841
}
```

## Border

The CSS property to change the border of an element to Hex B51841 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
#B51841 }
```

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

```
.border{ border-color:#B51841 }
```

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

Here you see how a box with a 4 pixel #B51841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B51841; -webkit-box-shadow:4px 4px  
4px 4px #B51841; box-shadow:4px 4px 4px  
4px #B51841 }
```

# Background

The CSS property to change the background color of an element to Hex B51841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B51841 }
```

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

```
.background{ background-color:#B51841 }
```

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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