

# Converting Colors

Hex(B51638)

Have a look what the booklet for  
Hex(B51638) contains.

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# Color

**Hex(B51638)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | B51638                    |
| RGB           | 181, 22, 56               |
| RGB Percent   | 71%, 9%, 22%              |
| CMY           | 0.2902, 0.9137, 0.7804    |
| CMYK          | 0.00, 0.88, 0.69, 0.29    |
| HSL           | 347°, 78%, 40%            |
| HSV           | 347°, 88%, 71%            |
| XYZ           | 20.0568, 10.6831, 4.7463  |
| YIQ           | 73.4170, 83.8500, 44.2820 |

# Conversions

## Conversions Part 2

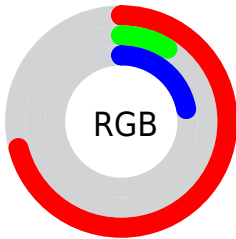
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 181, 22, 56                  |
| Decimal                             | 11867704                     |
| CIE Lab                             | 39.04, 60.43, 24.51          |
| CIE LCh                             | 39, 65.210, 22.079           |
| Yxy                                 | 10.6831, 0.5652,<br>0.3010   |
| Android<br>(android.graphics.Color) | 4290057784<br>(0xFFB51638)   |
| YUV                                 | 73.4170, -8.5866,<br>94.3503 |
| Hunter-Lab                          | 32.6850, 52.3357,<br>14.2698 |

# Details

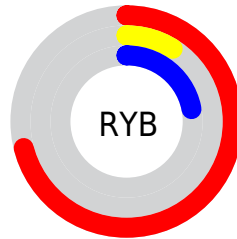
The Hex color **B51638** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **16B593**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **F35867**, and **78000E** is the 20% darker color. If you saturate the color by 10%, you get **B5042A**, and if you desaturate by 10%, it is **B52846**.

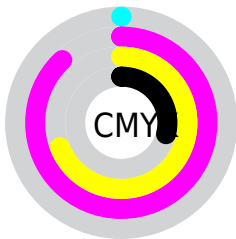
# Distribution



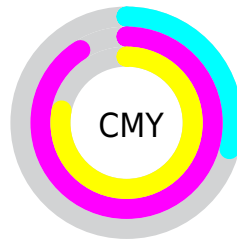
- Red (71%)
- Green (9%)
- Blue (22%)



- Red (71%)
- Yellow (9%)
- Blue (22%)



- Cyan (0%)
- Magenta (88%)
- Yellow (69%)
- Black (29%)



- Cyan (29%)
- Magenta (91%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B51638 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 B51638 by changing the saturation by 10% instead.



 B51638

 B51638

FFFFFF

 960023

 F35867

 78000E

 FF7480

 5A0000

 FF919A

 3E0003

 FFADB4

 1A0001

 FFCAD0

 000000

 FFE7EC

 B51638

 B51638

 B5042A

 B52846

 B50027

 B53A54

 B54C63

 B55E71

 B5707F

 B5838D

 B5959C

 B5A7AA

 B5B9B8

# Harmonies

## Analogous

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



B10D6C



B51638



A13B00

# Triad

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



B51638



006D0F



0067C6

# Complementary

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



B51638



16B593

# 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.



0070B0



B51638



00714C

# Square

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



B51638



4B6500



007283



2A54C0

# Rectangle

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



B51638



8A4D00



007283



006BC2



# Sweetspot

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



B51638



EBAEBB



9316B5



755159



F5F5F5



757575



# Same Dimension

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



B51638



EB0032



B54316



595052



990021



1A0005



# Inverse Universe

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



B51638



EB0032



1688B5



595052



990021



1A0005



# Previews

## White Background



This preview shows how the Hex color B51638 looks on a white background.

## Color Contrast Check

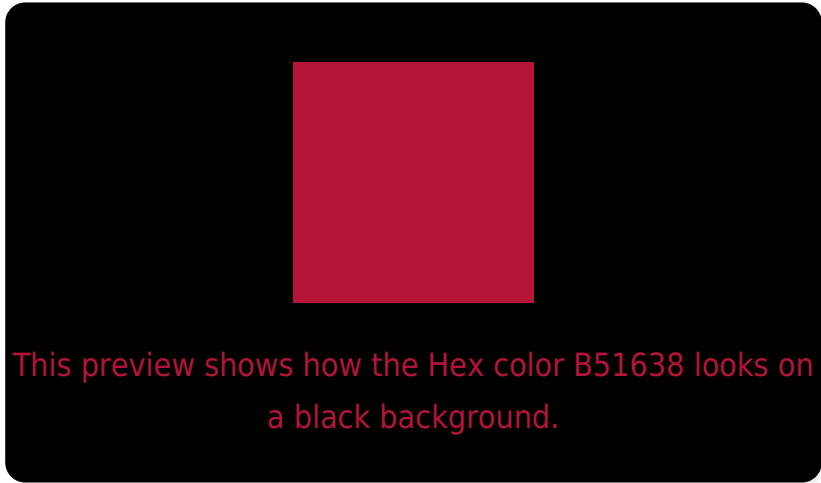
Large Text (above 18pt) WCAG AA ✓ Pass

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 B51638 Background



This preview shows how black text looks on a background with the Hex color B51638.

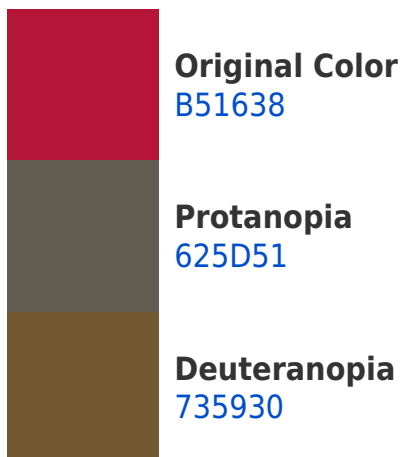


This preview shows how white text looks on a background with the Hex color B51638.

# 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





# Trichromacy



**Original Color**  
B51638

**Protanomaly**  
804348

**Deuteranomaly**  
8B4133

**Tritanomaly**  
B41B26

# Monochromacy



**Original Color**  
B51638

**Achromatopsia**  
494949

**Achromatomaly**  
703643

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B51638 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 #B51638 looks like.

```
.text, #text, p{  
    color:#B51638  
}
```

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 #B51638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B51638
}
```

## Border

The CSS property to change the border of an element to Hex B51638 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".

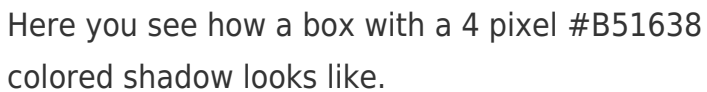
```
.border, #border, table{ border:4px solid
#B51638 }
```

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

```
.border{ border-color:#B51638 }
```

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

Here you see how a box with a 4 pixel #B51638 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The box is white and contains the text 'Here you see how a box with a 4 pixel #B51638 colored shadow looks like.' The shadow is a darker red and is positioned below and to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B51638; -webkit-box-shadow:4px 4px  
4px 4px #B51638; box-shadow:4px 4px 4px  
4px #B51638 }
```

# Background

The CSS property to change the background color of an element to Hex B51638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B51638 }
```

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

```
.background{ background-color:#B51638 }
```

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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