

Converting Colors

Hex(B51138)

Have a look what the booklet for
Hex(B51138) contains.

Hex(B51138)	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(B51138)

Conversions

Conversions Part 1

Format	Color
Hex	B51138
RGB	181, 17, 56
RGB Percent	71%, 7%, 22%
CMY	0.2902, 0.9333, 0.7804
CMYK	0.00, 0.91, 0.69, 0.29
HSL	346°, 83%, 39%
HSV	346°, 91%, 71%
XYZ	19.9703, 10.5102, 4.7175
YIQ	70.4820, 85.2250, 46.8970

Conversions

Conversions Part 2

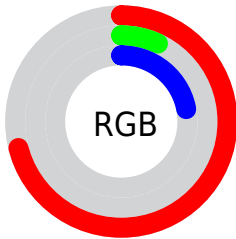
Format	Color
R _{YB}	181, 17, 56
Decimal	11866424
CIE Lab	38.74, 61.29, 24.14
CIE LCh	39, 65.870, 21.498
Yxy	10.5102, 0.5674, 0.2986
Android (android.graphics.Color)	4290056504 (0xFFB51138)
YUV	70.4820, -7.1396, 96.9243
Hunter-Lab	32.4194, 53.2218, 14.0660

Details

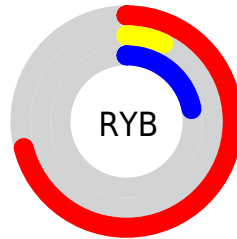
The Hex color **B51138** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **11B58E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **F35667**, and **78000E** is the 20% darker color. If you saturate the color by 10%, you get **B5002B**, and if you desaturate by 10%, it is **B52346**.

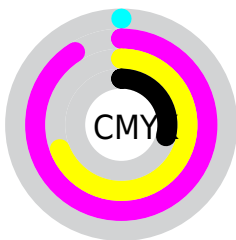
Distribution



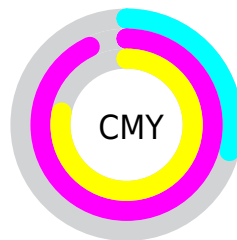
- Red (71%)
- Green (7%)
- Blue (22%)



- Red (71%)
- Yellow (7%)
- Blue (22%)



- Cyan (0%)
- Magenta (91%)
- Yellow (69%)
- Black (29%)



- Cyan (29%)
- Magenta (93%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B51138 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 B51138 by changing the saturation by 10% instead.

 B51138

 B51138

FFFFFF

 960023

 F35667

 78000E

 FF7280

 5A0000

 FF8F9A

 3E0003

 FFABB4

 1A0001

 FFC8D0

 000000

 FFE6EC

 B51138

 B51138

 B5002B

 B52346

 B53554

 B54761

 B5596F

 B56C7D

 B57E8B

 B59099

 B5A2A6

 B5B4B4

Harmonies

Analogous

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



B0086D



B51138



A13900

Triad

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



B51138



006D0A



0067C6

Complementary

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



B51138



11B58E

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.



006FAF



B51138



00714A

Square

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



B51138



4B6400



007281



2254C0

Rectangle

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



B51138



8A4C00



007281



006BC2

Sweetspot

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



B51138



EBABBA



8C11B5



755059



F5F5F5



757575

Same Dimension

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



B51138



EB0038



B53A11



595052



990024



1A0006

Inverse Universe

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



B51138



EB0038



118CB5



595052



990024



1A0006

Previews

White Background



This preview shows how the Hex color B51138 looks on a white background.

Color Contrast Check

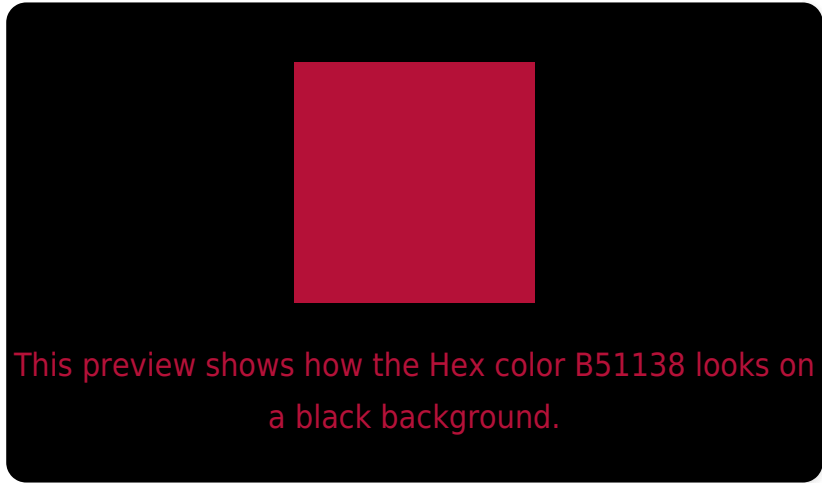
Large Text (above 18pt) WCAG AA ✓ Pass

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 B51138 Background



This preview shows how black text looks on a background with the Hex color B51138.



This preview shows how white text looks on a background with the Hex color B51138.

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
B51138

Protanopia
615D52

Deuteranopia
72592F



Tritanopia
B41B19

Trichromacy



Original Color
B51138

Protanomaly
804149

Deuteranomaly
8A3F32

Tritanomaly
B41724

Monochromacy



Original Color
B51138

Achromatopsia
464646

Achromatomaly
6E3341

CSS Examples

Text

The CSS property to change the color of the text to Hex B51138 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 #B51138 looks like.

```
.text, #text, p{  
    color:#B51138  
}
```

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 #B51138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B51138
}
```

Border

The CSS property to change the border of an element to Hex B51138 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".

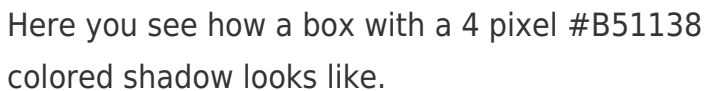
```
.border, #border, table{ border:4px solid
#B51138 }
```

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

```
.border{ border-color:#B51138 }
```

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

Here you see how a box with a 4 pixel #B51138 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B51138; -webkit-box-shadow:4px 4px  
4px 4px #B51138; box-shadow:4px 4px 4px  
4px #B51138 }
```

Background

The CSS property to change the background color of an element to Hex B51138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B51138 }
```

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

```
.background{ background-color:#B51138 }
```

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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