

# Converting Colors

Hex(B51D3C)

Have a look what the booklet for  
Hex(B51D3C) contains.

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# Color

Hex(B51D3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	B51D3C
RGB	181, 29, 60
RGB Percent	71%, 11%, 24%
CMY	0.2902, 0.8863, 0.7647
CMYK	0.00, 0.84, 0.67, 0.29
HSL	348°, 72%, 41%
HSV	348°, 84%, 71%
XYZ	20.3110, 11.0287, 5.3332
YIQ	77.9820, 80.6410, 41.8650

# Conversions

## Conversions Part 2

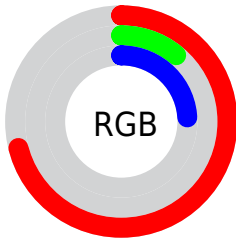
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 29, 60
Decimal	11869500
CIELab	39.63, 59.15, 22.74
CIElCh	40, 63.368, 21.025
Yxy	11.0287, 0.5538, 0.3007
Android (android.graphics.Color)	4290059580 (0xFFB51D3C)
YUV	77.9820, -8.8651, 90.3468
Hunter-Lab	33.2095, 51.0544, 13.7251

# Details

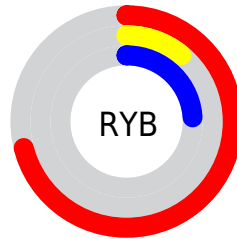
The Hex color **B51D3C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1DB596**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **F35C6B**, and **780013** is the 20% darker color. If you saturate the color by 10%, you get **B50B2E**, and if you desaturate by 10%, it is **B52F4A**.

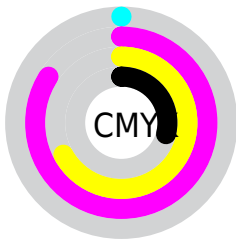
# Distribution



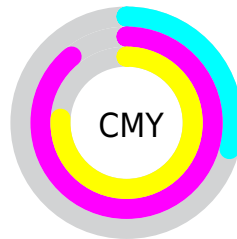
- Red (71%)
- Green (11%)
- Blue (24%)



- Red (71%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (84%)
- Yellow (67%)
- Black (29%)



- Cyan (29%)
- Magenta (89%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B51D3C 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 B51D3C by changing the saturation by 10% instead.



 B51D3C

 B51D3C

FFFFFF

 960027

 F35C6B

 780013

 FF7884

 5B0000

 FF949E

 3F0003

 FFB0B9

 1C0001

 FFCDD5

 000000

 FFEBF1

 B51D3C

 B51D3C

 B50B2E

 B52F4A

 B50025

 B54159

 B55367

 B56576

 B57784

 B58A92

 B59CA1

 B5AEAF

 B5C0BE

# Harmonies

## Analogous

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



AF196F



B51D3C



A23D04

# Triad

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



B51D3C



006E11



0069C5

# Complementary

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



B51D3C



1DB596

# 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.



0071AE



B51D3C



00724C

# Square

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



B51D3C



506600



007381



2A57BF

# Rectangle

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



B51D3C



8C4E00



007381



006CC0



# Sweetspot

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



B51D3C



EBB0BC



941DB5



755259



F5F5F5



757575



# Same Dimension

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



B51D3C



EB0030



B5481D



595052



99001F



1A0005



# Inverse Universe

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



B51D3C



EB0030



1D8AB5



595052



99001F



1A0005



# Previews

## White Background



This preview shows how the Hex color B51D3C looks on a white background.

## Color Contrast Check

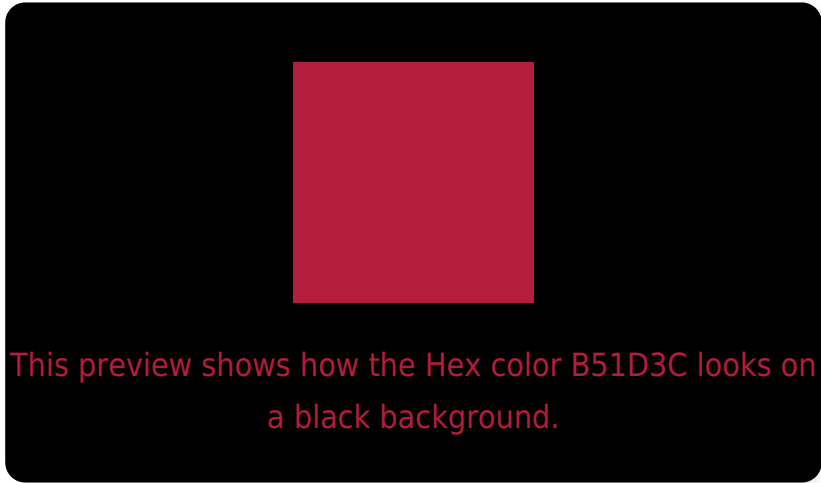
Large Text (above 18pt) WCAG AA ✓ Pass

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 B51D3C Background



This preview shows how black text looks on a background with the Hex color B51D3C.



This preview shows how white text looks on a background with the Hex color B51D3C.

# 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**  
B51D3C

**Protanopia**  
635E55

**Deuteranopia**  
745A34



# Trichromacy



**Original Color**  
B51D3C

**Protanomaly**  
81464C

**Deuteranomaly**  
8C4437

**Tritanomaly**  
B4212C

# Monochromacy



**Original Color**  
B51D3C

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
733C47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B51D3C 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 #B51D3C looks like.

```
.text, #text, p{  
    color:#B51D3C  
}
```

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 #B51D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B51D3C } }
```

## Border

The CSS property to change the border of an element to Hex B51D3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

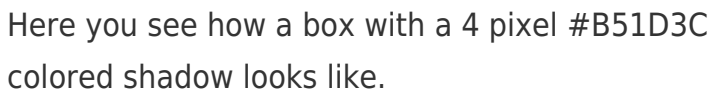
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B51D3C } }
```

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

```
.border{ border-color:#B51D3C }
```

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



Here you see how a box with a 4 pixel #B51D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B51D3C; -webkit-box-shadow:4px 4px  
4px 4px #B51D3C; box-shadow:4px 4px 4px  
4px #B51D3C }
```

# Background

The CSS property to change the background color of an element to Hex B51D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B51D3C }
```

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

```
.background{ background-color:#B51D3C }
```

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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