

# Converting Colors

Hex(B10B3C)

Have a look what the booklet for  
Hex(B10B3C) contains.

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# Color

Hex(**B10B3C**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B10B3C
RGB	177, 11, 60
RGB Percent	69%, 4%, 24%
CMY	0.3059, 0.9569, 0.7647
CMYK	0.00, 0.94, 0.66, 0.31
HSL	342°, 88%, 37%
HSV	342°, 94%, 69%
XYZ	19.0667, 9.9127, 5.1834
YIQ	66.2200, 83.2070, 50.4310

# Conversions

## Conversions Part 2

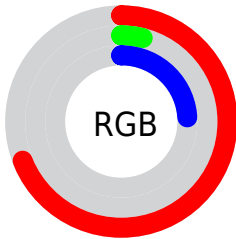
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 11, 60
Decimal	11602748
CIELab	37.69, 61.29, 20.08
CIElCh	38, 64.497, 18.136
Yxy	9.9127, 0.5581, 0.2902
Android (android.graphics.Color)	4289792828 (0xFFB10B3C)
YUV	66.2200, -3.0665, 97.1541
Hunter-Lab	31.4844, 53.0005, 12.2780

# Details

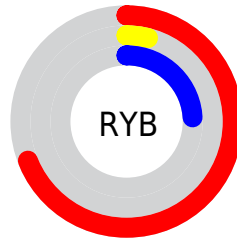
The Hex color **B10B3C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0BB180**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **EF536B**, and **740013** is the 20% darker color. If you saturate the color by 10%, you get **B10034**, and if you desaturate by 10%, it is **B11D48**.

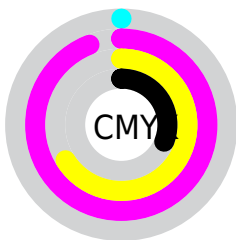
# Distribution



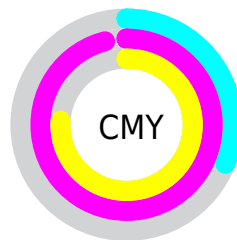
- Red (69%)
- Green (4%)
- Blue (24%)



- Red (69%)
- Yellow (4%)
- Blue (24%)



- Cyan (0%)
- Magenta (94%)
- Yellow (66%)
- Black (31%)



- Cyan (31%)
- Magenta (96%)
- Yellow (76%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B10B3C 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 B10B3C by changing the saturation by 10% instead.



 B10B3C

 B10B3C

FFFFFF

 920027

 EF536B

 740013

 FF7084

 570000

 FF8C9E

 3A0002

 FFA9B9

 130000

 FFC6D5

 000000

 FFE3F1

 B10B3C

 B10B3C

 B10034

 B11D48

 B12E55

 B14061

 B1526E

 B1647A

 B17587

 B18793

 B199A0

 B1AAAC

# Harmonies

## Analogous

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



A90E70



B10B3C



A03404

# Triad

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



B10B3C



006900



0065C0

# Complementary

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



B10B3C



0BB180

# 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.



006DA6



B10B3C



006D41

# Square

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



B10B3C



4F6000



006F78



0054BD

# Rectangle

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



B10B3C



8B4700



006F78



0069BA



# Sweetspot

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



B10B3C



E6A5B8



7F0BB1



734C57



F2F2F2



737373



# Same Dimension

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



B10B3C



E60044



B12C0B



595053



99002D



1A0008



# Inverse Universe

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



B10B3C



E60044



0B90B1



595053



99002D



1A0008



# Previews

## White Background



This preview shows how the Hex color B10B3C looks on a white background.

## Color Contrast Check

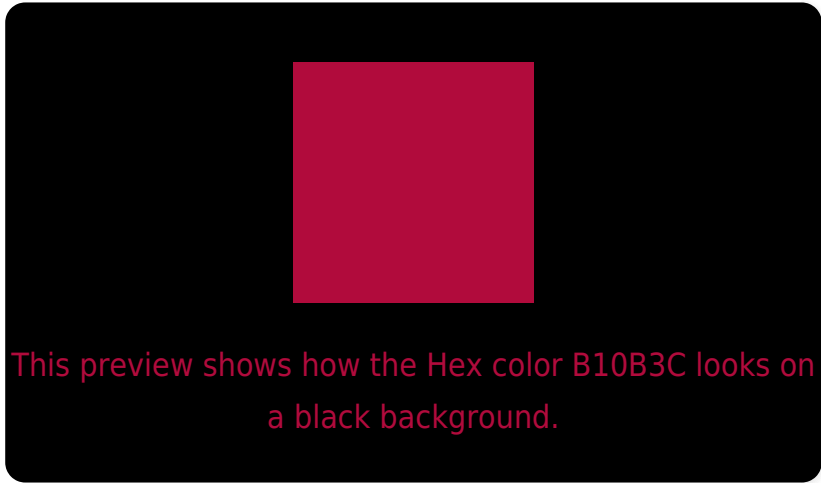
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 B10B3C Background



This preview shows how black text looks on a background with the Hex color B10B3C.



This preview shows how white text looks on a background with the Hex color B10B3C.

# 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**  
B10B3C

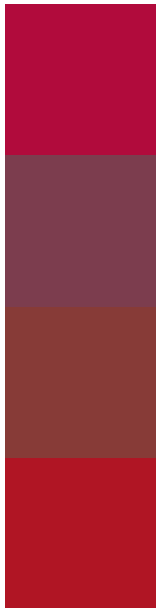
**Protanopia**  
5D5A58

**Deuteranopia**  
6F5734



**Tritanopia**  
B01A17

# Trichromacy



**Original Color**  
B10B3C

**Protanomaly**  
7C3D4E

**Deuteranomaly**  
873B37

**Tritanomaly**  
B01524

# Monochromacy



**Original Color**  
B10B3C

**Achromatopsia**  
424242

**Achromatomaly**  
6A2E40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B10B3C 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 #B10B3C looks like.

```
.text, #text, p{  
    color:#B10B3C  
}
```

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 #B10B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B10B3C
}
```

## Border

The CSS property to change the border of an element to Hex B10B3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

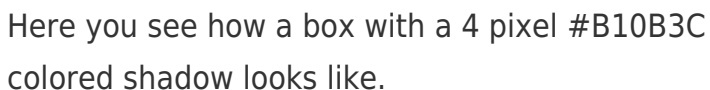
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B10B3C }
```

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

```
.border{ border-color:#B10B3C }
```

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



Here you see how a box with a 4 pixel #B10B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B10B3C; -webkit-box-shadow:4px 4px  
4px 4px #B10B3C; box-shadow:4px 4px 4px  
4px #B10B3C }
```

# Background

The CSS property to change the background color of an element to Hex B10B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B10B3C }
```

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

```
.background{ background-color:#B10B3C }
```

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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