

# Converting Colors

Hex(B00B3C)

Have a look what the booklet for  
Hex(B00B3C) contains.

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# Color

Hex(**B00B3C**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B00B3C
RGB	176, 11, 60
RGB Percent	69%, 4%, 24%
CMY	0.3098, 0.9569, 0.7647
CMYK	0.00, 0.94, 0.66, 0.31
HSL	342°, 88%, 37%
HSV	342°, 94%, 69%
XYZ	18.8398, 9.7957, 5.1728
YIQ	65.9210, 82.6110, 50.2190

# Conversions

## Conversions Part 2

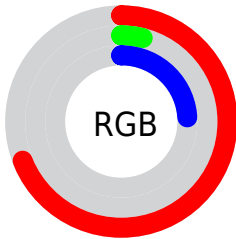
Format	Color
<a href="#">RYB</a>	<a href="#">176, 11, 60</a>
Decimal	<a href="#">11537212</a>
CIELab	<a href="#">37.47, 61.04, 19.76</a>
CIElCh	<a href="#">37, 64.160, 17.937</a>
Yxy	<a href="#">9.7957, 0.5573, 0.2897</a>
Android (android.graphics.Color)	<a href="#">4289727292 (0xFFB00B3C)</a>
YUV	<a href="#">65.9210, -2.9191, 96.5393</a>
Hunter-Lab	<a href="#">31.2981, 52.6759, 12.1096</a>

# Details

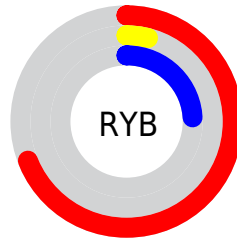
The Hex color **B00B3C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0BB07F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **EE536B**, and **730013** is the 20% darker color. If you saturate the color by 10%, you get **B00034**, and if you desaturate by 10%, it is **B01D48**.

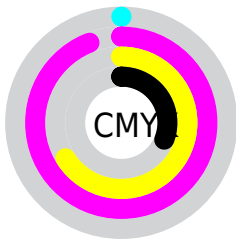
# Distribution



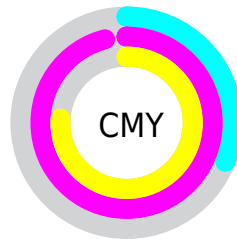
- Red (69%)
- Green (4%)
- Blue (24%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B00B3C 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 B00B3C by changing the saturation by 10% instead.



 B00B3C

 B00B3C

FFFFFF

 920027

 EE536B

 730013

 FF7084

 560000

 FF8C9E

 3A0002

 FFA8B9

 110000

 FFC5D5

 000000

 FFE3F1

 B00B3C

 B00B3C

 B00034

 B01D48

 B02E55

 B04061

 B0516D

 B0637A

 B07586

 B08693

 B0989F

 B0A9AB

# Harmonies

## Analogous

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



A80F6F



B00B3C



9F3305

# Triad

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



B00B3C



006800



0065BF

# Complementary

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



B00B3C



0BB07F

# 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.



006CA5



B00B3C



006D41

# Square

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



B00B3C



4F5F00



006E77



0054BC

# Rectangle

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



B00B3C



8A4700



006E77



0068B9



# Sweetspot

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



B00B3C



E6A5B8



7F0BB0



734C57



F2F2F2



737373



# Same Dimension

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



B00B3C



E60044



B02C0B



595053



99002D



1A0008



# Inverse Universe

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



B00B3C



E60044



0B8FB0



595053



99002D



1A0008



# Previews

## White Background



This preview shows how the Hex color B00B3C looks on a white background.

## Color Contrast Check

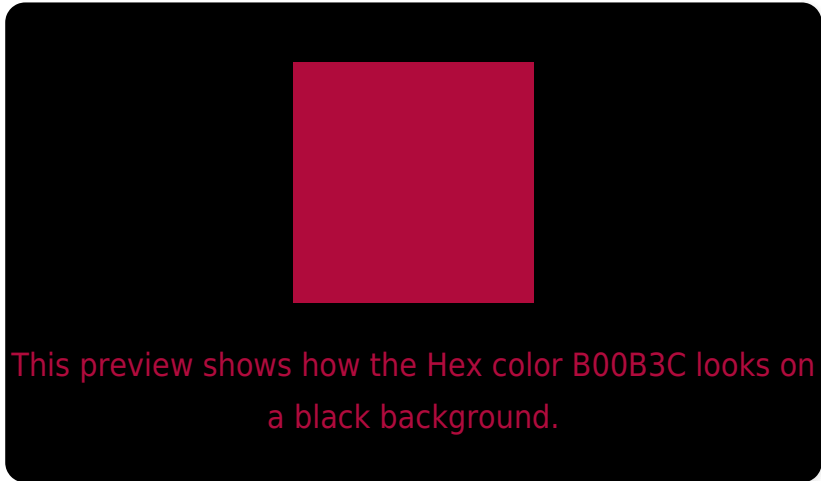
Large Text (above 18pt) WCAG AA ✓ Pass

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 B00B3C Background



This preview shows how black text looks on a background with the Hex color B00B3C.



This preview shows how white text looks on a background with the Hex color B00B3C.

# 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



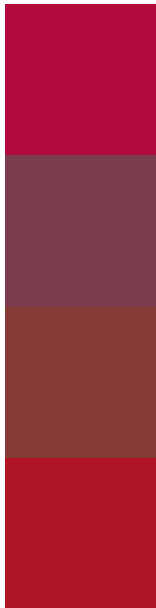
**Original Color**  
B00B3C

**Protanopia**  
5C5A58

**Deuteranopia**  
6E5634



# Trichromacy



**Original Color**  
B00B3C

**Protanomaly**  
7B3D4E

**Deuteranomaly**  
863B37

**Tritanomaly**  
AF1524

# Monochromacy



**Original Color**  
B00B3C

**Achromatopsia**  
424242

**Achromatomaly**  
6A2E40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B00B3C 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 #B00B3C looks like.

```
.text, #text, p{  
    color:#B00B3C  
}
```

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 #B00B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B00B3C }  
}
```

## Border

The CSS property to change the border of an element to Hex B00B3C 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 #B00B3C }  
}
```

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

```
.border{ border-color:#B00B3C }
```

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

Here you see how a box with a 4 pixel #B00B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B00B3C; -webkit-box-shadow:4px 4px  
4px 4px #B00B3C; box-shadow:4px 4px 4px  
4px #B00B3C }
```

# Background

The CSS property to change the background color of an element to Hex B00B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B00B3C }
```

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

```
.background{ background-color:#B00B3C }
```

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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