

# Converting Colors

Hex(B6303C)

Have a look what the booklet for  
Hex(B6303C) contains.

<b>Hex(B6303C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(B6303C)

# Conversions

## Conversions Part 1

Format	Color
Hex	B6303C
RGB	182, 48, 60
RGB Percent	71%, 19%, 24%
CMY	0.2863, 0.8118, 0.7647
CMYK	0.00, 0.74, 0.67, 0.29
HSL	355°, 58%, 45%
HSV	355°, 74%, 71%
XYZ	21.1640, 12.3852, 5.5501
YIQ	89.4340, 76.0120, 32.1400

# Conversions

## Conversions Part 2

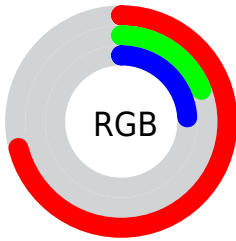
Format	Color
<a href="#">RYB</a>	182, 48, 60
Decimal	11939900
CIELab	41.82, 53.82, 25.54
CIElCh	42, 59.575, 25.383
Yxy	12.3852, 0.5413, 0.3168
Android (android.graphics.Color)	4290129980 (0xFFB6303C)
YUV	89.4340, -14.5110, 81.1804
Hunter-Lab	35.1927, 45.7582, 15.2845

# Details

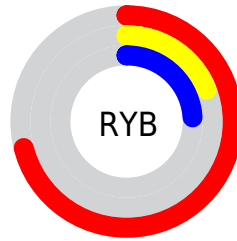
The Hex color **B6303C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **30B6AA**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F4686B**, and **7A0012** is the 20% darker color. If you saturate the color by 10%, you get **B61E2B**, and if you desaturate by 10%, it is **B6424D**.

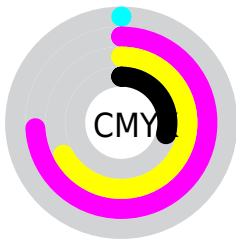
# Distribution



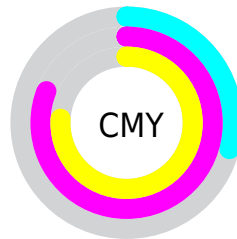
- Red (71%)
- Green (19%)
- Blue (24%)



- Red (71%)
- Yellow (19%)
- Blue (24%)



- Cyan (0%)
- Magenta (74%)
- Yellow (67%)
- Black (29%)



- Cyan (29%)
- Magenta (81%)
- Yellow (76%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6303C 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 B6303C by changing the saturation by 10% instead.



 B6303C

 B6303C

FFFFFF

 980A26

 F4686B

 7A0012

 FF8485

 5C0000

 FFA09F

 400002

 FFBCBA

 200001

 FFD9D5

 000000

 FFF6F2

 B6303C

 B6303C

 B61E2B

 B6424D

 B60C1B

 B6545D

 B60010

 B6676E

 B6797E

 B68B8F

 B69D9F

 B6AFB0

 B6C2C1

 B6D4D1

# Harmonies

## Analogous

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



B4296C



B6303C



A2490A

# Triad

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



B6303C



007426



006BC5

# Complementary

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



B6303C



30B6AA

# 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.



0075B3



B6303C



007859

# Square

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



B6303C



4F6C00



00788C



4E59BC

# Rectangle

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



B6303C



8B5800



00788C



006FC2



# Sweetspot

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



B6303C



EDB9BE



A930B6



78595B



F7F7F7



787878



# Same Dimension

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



B6303C



ED1C2F



B66630



5C5353



9C000E



1C0003



# Inverse Universe

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



B6303C



ED1C2F



3080B6



5C5353



9C000E



1C0003



# Previews

## White Background



This preview shows how the Hex color B6303C looks on a white background.

## Color Contrast Check

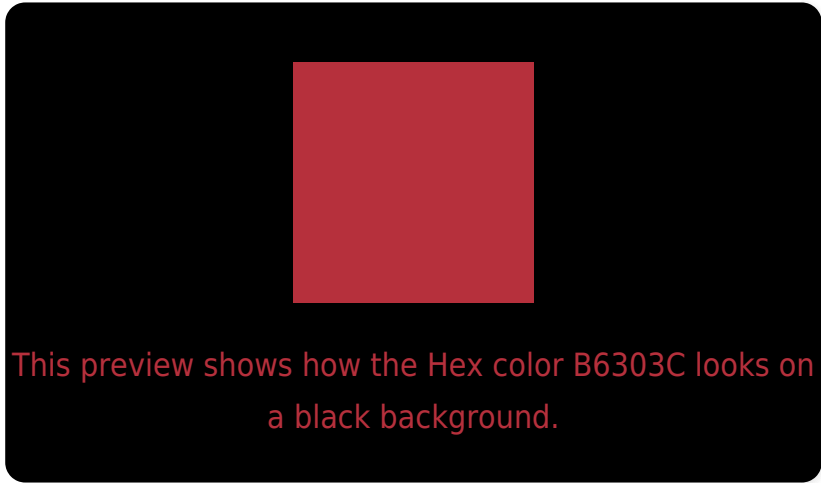
Large Text (above 18pt) WCAG AA ✓ Pass

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 B6303C Background



This preview shows how black text looks on a background with the Hex color B6303C.

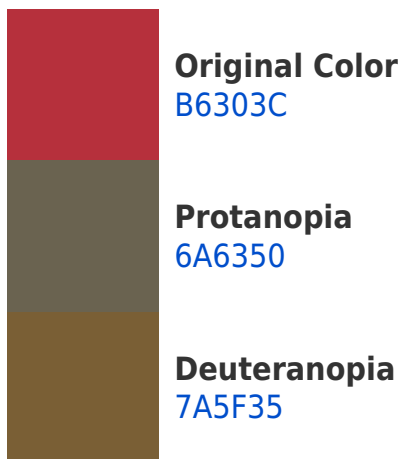


This preview shows how white text looks on a background with the Hex color B6303C.

# Color Blindness Simulation

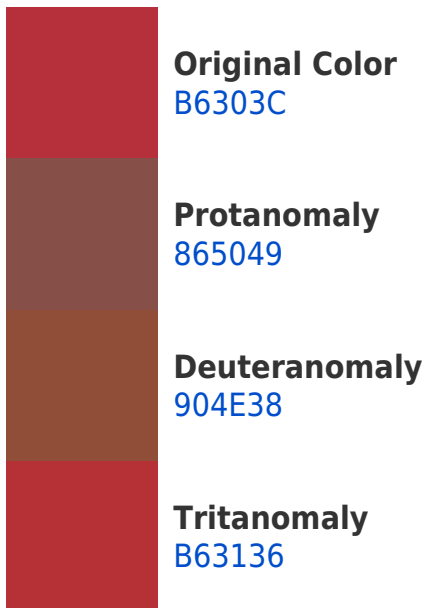
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

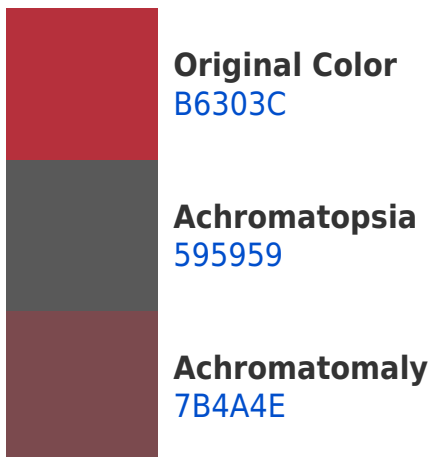




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6303C 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 #B6303C looks like.

```
.text, #text, p{  
    color:#B6303C  
}
```

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 #B6303C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6303C
}
```

## Border

The CSS property to change the border of an element to Hex B6303C is called "border". The border property can be set on classes, ids or directly on the HTML element.

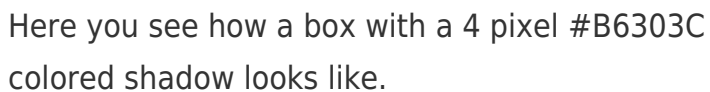
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B6303C }
```

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

```
.border{ border-color:#B6303C }
```

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



Here you see how a box with a 4 pixel #B6303C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6303C; -webkit-box-shadow:4px 4px  
4px 4px #B6303C; box-shadow:4px 4px 4px  
4px #B6303C }
```

# Background

The CSS property to change the background color of an element to Hex B6303C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6303C }
```

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

```
.background{ background-color:#B6303C }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor