

# Converting Colors

Hex(B8313D)

Have a look what the booklet for  
Hex(B8313D) contains.

|  |    |
|--|----|
| <b>Hex(B8313D)</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(B8313D)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B8313D                    |
| RGB         | 184, 49, 61               |
| RGB Percent | 72%, 19%, 24%             |
| CMY         | 0.2784, 0.8078, 0.7608    |
| CMYK        | 0.00, 0.73, 0.67, 0.28    |
| HSL         | 355°, 58%, 46%            |
| HSV         | 355°, 73%, 72%            |
| XYZ         | 21.7078, 12.7239, 5.7267  |
| YIQ         | 90.7330, 76.6080, 32.3520 |

# Conversions

## Conversions Part 2

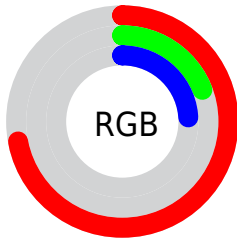
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">184, 49, 61</a>                    |
| Decimal                             | <a href="#">12071229</a>                       |
| CIELab                              | <a href="#">42.34, 54.15, 25.66</a>            |
| CIELCh                              | <a href="#">42, 59.918, 25.356</a>             |
| Yxy                                 | <a href="#">12.7239, 0.5406,<br/>0.3168</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4290261309<br/>(0xFFB8313D)</a>    |
| YUV                                 | <a href="#">90.7330, -14.6584,<br/>81.7952</a> |
| Hunter-Lab                          | <a href="#">35.6706, 46.2050,<br/>15.4507</a>  |

# Details

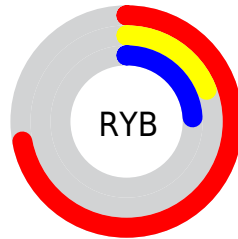
The Hex color **B8313D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **31B8AC**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **F6696C**, and **7C0013** is the 20% darker color. If you saturate the color by 10%, you get **B81F2C**, and if you desaturate by 10%, it is **B8434E**.

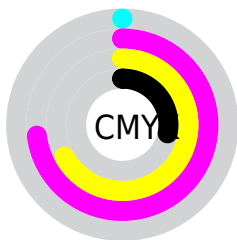
# Distribution



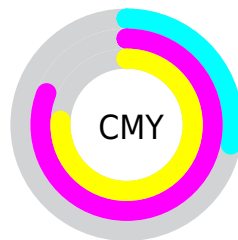
- Red (72%)
- Green (19%)
- Blue (24%)



- Red (72%)
- Yellow (19%)
- Blue (24%)



- Cyan (0%)
- Magenta (73%)
- Yellow (67%)
- Black (28%)



- Cyan (28%)
- Magenta (81%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8313D 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 B8313D by changing the saturation by 10% instead.



 B8313D

 B8313D

FFFFFF

 9A0C27

 F6696C

 7C0013

 FF8586

 5E0000

 FFA1A0

 420002

 FFBDBB

 230001

 FFDAD7

 000000

 FFF7F3

 B8313D

 B8313D

 B81F2C

 B8434E

 B80C1B

 B8565F

 B80010

 B8686F

 B87B80

 B88D91

 B89FA2

 B8B2B2

 B8C4C3

 B8D7D4

# Harmonies

## Analogous

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



B62A6E



B8313D



A44A0B

# Triad

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



B8313D



007527



006CC7

# Complementary

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



B8313D



31B8AC

# 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.



0076B5



B8313D



00795A

# Square

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



B8313D



516D00



007A8D



4F5ABE

# Rectangle

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



B8313D



8D5900



007A8D



0071C4



# Sweetspot

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



B8313D



F0BBC0



AB31B8



78595B



F7F7F7



787878



# Same Dimension

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



B8313D



F01D30



B86731



5C5353



9C000E



1C0002



# Inverse Universe

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



B8313D



F01D30



3182B8



5C5353



9C000E



1C0002



# Previews

## White Background



This preview shows how the Hex color B8313D looks on a white background.

## Color Contrast Check

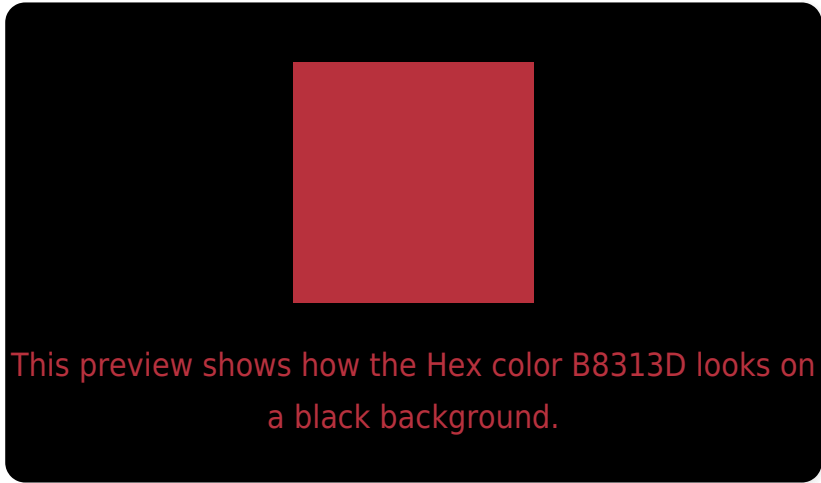
Large Text (above 18pt) WCAG AA ✓ Pass

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 B8313D Background



This preview shows how black text looks on a background with the Hex color B8313D.

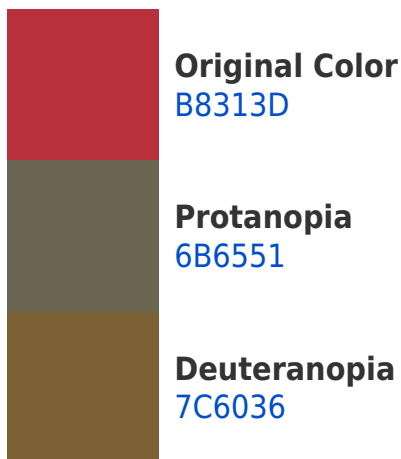


This preview shows how white text looks on a background with the Hex color B8313D.

# Color Blindness Simulation

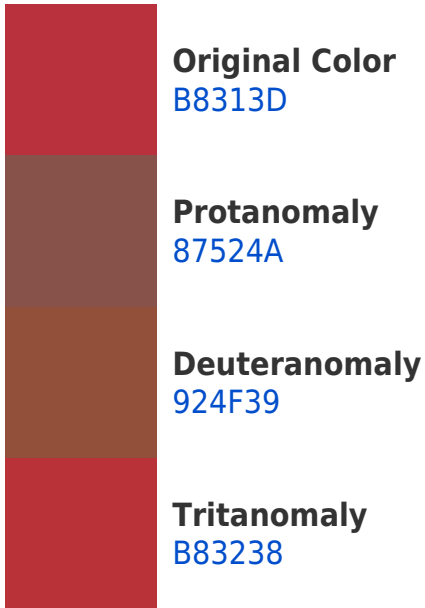
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

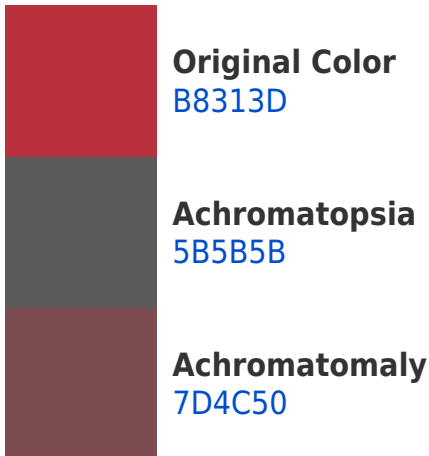




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8313D 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 #B8313D looks like.

```
.text, #text, p{  
    color:#B8313D  
}
```

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 #B8313D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8313D
}
```

## Border

The CSS property to change the border of an element to Hex B8313D is called "border". The border property can be set on classes, ids or directly on the HTML element.

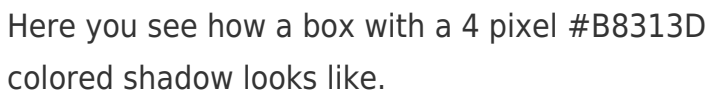
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8313D }
```

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

```
.border{ border-color:#B8313D }
```

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



Here you see how a box with a 4 pixel #B8313D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8313D; -webkit-box-shadow:4px 4px  
4px 4px #B8313D; box-shadow:4px 4px 4px  
4px #B8313D }
```

# Background

The CSS property to change the background color of an element to Hex B8313D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8313D }
```

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

```
.background{ background-color:#B8313D }
```

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