

# Converting Colors

Hex(8B183B)

Have a look what the booklet for  
Hex(8B183B) contains.

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# Color

**Hex(8B183B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B183B
RGB	139, 24, 59
RGB Percent	55%, 9%, 23%
CMY	0.4549, 0.9059, 0.7686
CMYK	0.00, 0.83, 0.58, 0.45
HSL	342°, 71%, 32%
HSV	342°, 83%, 55%
XYZ	11.7635, 6.4580, 4.7642
YIQ	62.3750, 57.3050, 35.2650

# Conversions

## Conversions Part 2

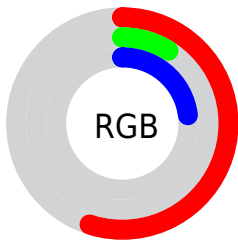
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 24, 59
Decimal	9115707
CIE <sub>Lab</sub>	30.54, 48.57, 9.77
CIE <sub>LCh</sub>	31, 49.544, 11.368
Yxy	6.4580, 0.5118, 0.2810
Android (android.graphics.Color)	4287305787 (0xFF8B183B)
YUV	62.3750, -1.6639, 67.2001
Hunter-Lab	25.4126, 38.1557, 6.6735

# Details

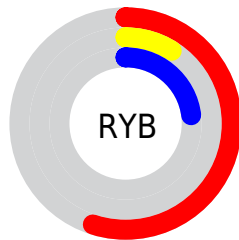
The Hex color **8B183B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **188B68**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **C5516A**, and **520011** is the 20% darker color. If you saturate the color by 10%, you get **8B0A31**, and if you desaturate by 10%, it is **8B2645**.

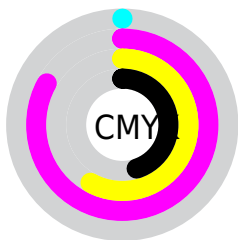
# Distribution



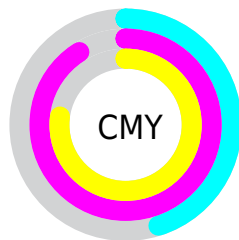
- Red (55%)
- Green (9%)
- Blue (23%)



- Red (55%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (83%)
- Yellow (58%)
- Black (45%)



- Cyan (45%)
- Magenta (91%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B183B 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 8B183B by changing the saturation by 10% instead.



 8B183B

 8B183B

FFFFFF

 6E0026

 C5516A

 520011

 E36C83

 390002

 FF879D

 120000

 FFA2B8

 000000

 FFBFD3

 FFDBF0

 FFF8FF

 8B183B

 8B183B

 8B0A31

 8B2645

 8B002A

 8B344E

 8B4258

 8B5062

 8B5E6B

 8B6B75

 8B797F

 8B8788

 8B9592

# Harmonies

## Analogous

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



802061



8B183B



822A16

# Triad

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



8B183B



1C5301



005392

# Complementary

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



8B183B



188B68

# 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.



00587A



8B183B



00572E

# Square

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



8B183B



4B4B00



005956



004894

# Rectangle

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



8B183B



743700



005956



00558C



# Sweetspot

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



8B183B



B58896



67188B



5C4049



DBDBDB



5C5C5C



# Same Dimension

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



8B183B



B50238



8B2D18



453E40



850028



050002



# Inverse Universe

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



8B183B



B50238



18768B



453E40



850028

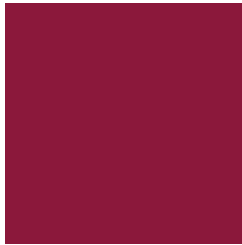


050002



# Previews

## White Background



This preview shows how the Hex color 8B183B looks on a white background.

## Color Contrast Check

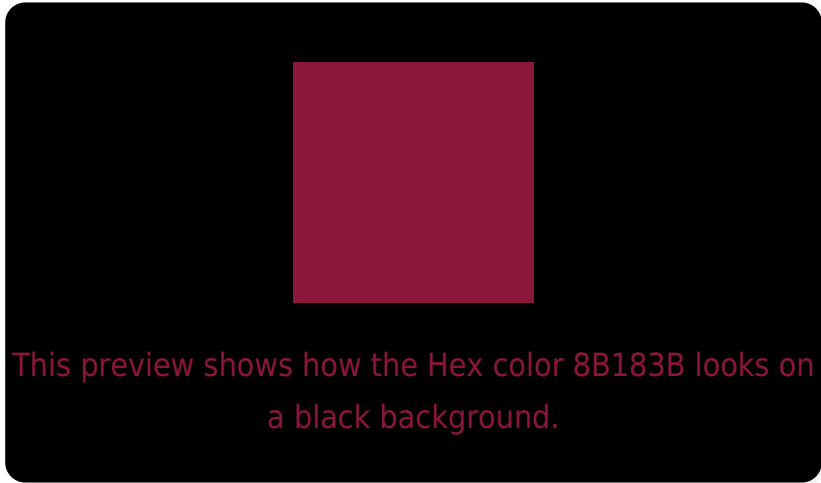
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B183B Background



This preview shows how black text looks on a background with the Hex color 8B183B.



This preview shows how white text looks on a background with the Hex color 8B183B.

# 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**  
8B183B

**Protanopia**  
494952

**Deuteranopia**  
574735



**Tritanopia**  
8A1F20

# Trichromacy



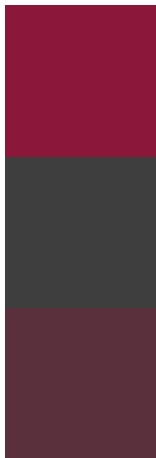
**Original Color**  
8B183B

**Protanomaly**  
61374A

**Deuteranomaly**  
6A3637

**Tritanomaly**  
8A1C2A

# Monochromacy



**Original Color**  
8B183B

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
5A303D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B183B 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 #8B183B looks like.

```
.text, #text, p{  
    color:#8B183B  
}
```

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 #8B183B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B183B
}
```

## Border

The CSS property to change the border of an element to Hex 8B183B is called "border". The border property can be set on classes, ids or directly on the HTML element.

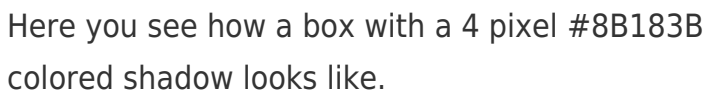
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B183B }
```

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

```
.border{ border-color:#8B183B }
```

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



Here you see how a box with a 4 pixel #8B183B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B183B; -webkit-box-shadow:4px 4px  
4px 4px #8B183B; box-shadow:4px 4px 4px  
4px #8B183B }
```

# Background

The CSS property to change the background color of an element to Hex 8B183B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B183B }
```

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

```
.background{ background-color:#8B183B }
```

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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