

# Converting Colors

Hex(8B385B)

Have a look what the booklet for  
Hex(8B385B) contains.

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**Color**

**Hex(8B385B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B385B
RGB	139, 56, 91
RGB Percent	55%, 22%, 36%
CMY	0.4549, 0.7804, 0.6431
CMYK	0.00, 0.60, 0.35, 0.45
HSL	335°, 43%, 38%
HSV	335°, 60%, 55%
XYZ	13.9500, 9.0726, 10.9135
YIQ	84.8070, 38.2330, 28.4810

# Conversions

## Conversions Part 2

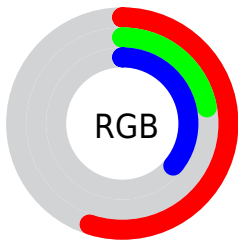
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 56, 91
Decimal	9123931
CIE <sub>Lab</sub>	36.12, 39.07, -3.03
CIE <sub>LCh</sub>	36, 39.190, 355.559
Yxy	9.0726, 0.4111, 0.2673
Android (android.graphics.Color)	4287314011 (0xFF8B385B)
YUV	84.8070, 3.0531, 47.5273
Hunter-Lab	30.1208, 29.9578, -0.3976

# Details

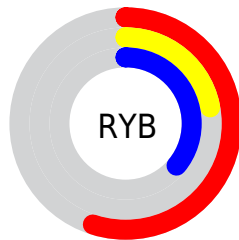
The Hex color **8B385B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **388B68**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **C36B8D**, and **55002D** is the 20% darker color. If you saturate the color by 10%, you get **8B2A53**, and if you desaturate by 10%, it is **8B4663**.

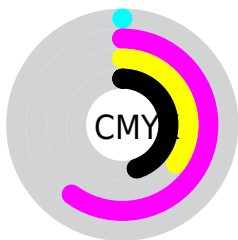
# Distribution



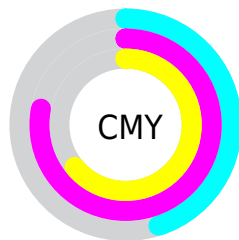
- Red (55%)
- Green (22%)
- Blue (36%)



- Red (55%)
- Yellow (22%)
- Blue (36%)



- Cyan (0%)
- Magenta (60%)
- Yellow (35%)
- Black (45%)



- Cyan (45%)
- Magenta (78%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B385B 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 8B385B by changing the saturation by 10% instead.





8B385B



8B385B

FFFFFF



701E44



C36B8D



55002D



E085A7



3C0019



FEA0C3



240001



FFBCDE



000000



FFD8FB



FFF5FF



8B385B



8B385B



8B2A53



8B4663

 8B1C4B

 8B546B

 8B0E43

 8B6273

 8B003B

 8B707B

 8B7E83

 8B8B8B

 8B9993

 8BA79B

 8BB5A3

# Harmonies

## Analogous

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



774179



8B385B



8D3A3C

# Triad

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



8B385B



4B5B17



006188

# Complementary

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



8B385B



388B68

# 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.



00646F



8B385B



216130

# Square

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



8B385B



695210



00644F



005A94

# Rectangle

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



8B385B



864129



00644F



006281



# Sweetspot

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



8B385B



B594A2



67388B



5C4850



DBDBDB



5C5C5C



# Same Dimension

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



8B385B



B5336A



8B3E38



453E41



850038



050002



# Inverse Universe

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



8B385B



B5336A



38858B



453E41



850038

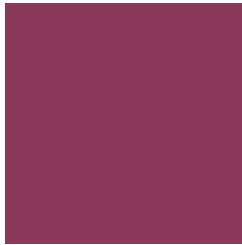


050002



# Previews

## White Background



This preview shows how the Hex color 8B385B looks on a white background.

## Color Contrast Check

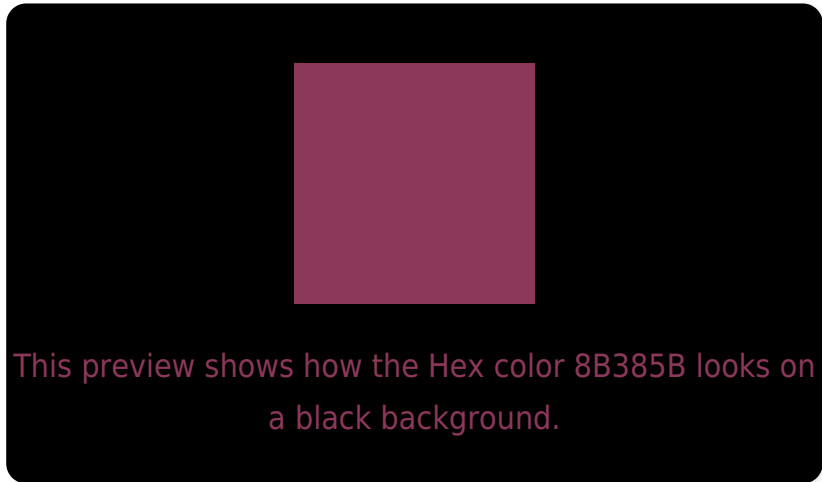
Large Text (above 18pt) WCAG AA ✓ Pass

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

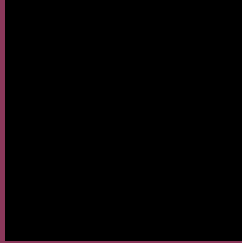
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8B385B Background



This preview shows how black text looks on a background with the Hex color 8B385B.

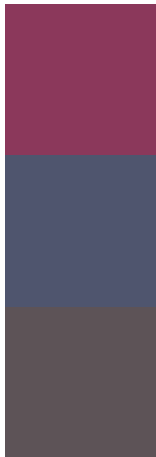


This preview shows how white text looks on a background with the Hex color 8B385B.

# 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**  
8B385B

**Protanopia**  
4F556E

**Deuteranopia**  
5D5357



**Tritanopia**  
893D42

# Trichromacy



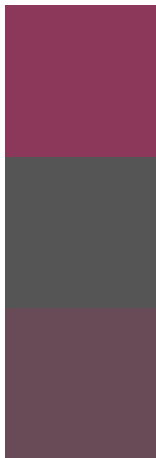
**Original Color**  
8B385B

**Protanomaly**  
654A67

**Deuteranomaly**  
6E4958

**Tritanomaly**  
8A3B4B

# Monochromacy



**Original Color**  
8B385B

**Achromatopsia**  
555555

**Achromatomaly**  
694A57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B385B 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 #8B385B looks like.

```
.text, #text, p{  
    color:#8B385B  
}
```

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 #8B385B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B385B
}
```

## Border

The CSS property to change the border of an element to Hex 8B385B is called "border". The border property can be set on classes, ids or directly on the HTML element.

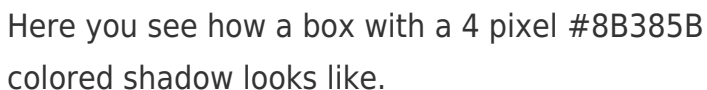
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B385B }
```

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

```
.border{ border-color:#8B385B }
```

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



Here you see how a box with a 4 pixel #8B385B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B385B; -webkit-box-shadow:4px 4px  
4px 4px #8B385B; box-shadow:4px 4px 4px  
4px #8B385B }
```

# Background

The CSS property to change the background color of an element to Hex 8B385B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B385B }
```

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

```
.background{ background-color:#8B385B }
```

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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