

# Converting Colors

Hex(873B67)

Have a look what the booklet for  
Hex(873B67) contains.

<b>Hex(873B67)</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(873B67)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	873B67
RGB	135, 59, 103
RGB Percent	53%, 23%, 40%
CMY	0.4706, 0.7686, 0.5961
CMYK	0.00, 0.56, 0.24, 0.47
HSL	325°, 39%, 38%
HSV	325°, 56%, 53%
XYZ	14.0038, 9.2581, 13.8809
YIQ	86.7400, 31.1720, 29.7960

# Conversions

## Conversions Part 2

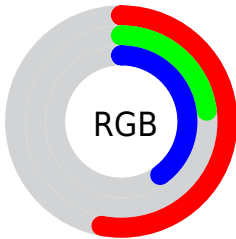
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 59, 103
Decimal	8862567
CIE <sub>Lab</sub>	36.48, 37.89, -10.18
CIE <sub>LCh</sub>	36, 39.234, 344.960
Yxy	9.2581, 0.3770, 0.2493
Android (android.graphics.Color)	4287052647 (0xFF873B67)
YUV	86.7400, 8.0162, 42.3240
Hunter-Lab	30.4271, 28.9056, -5.7491

# Details

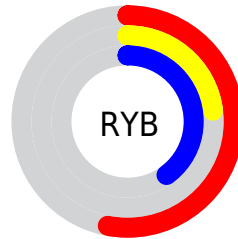
The Hex color **873B67** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3B875B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **BE6E9A**, and **520438** is the 20% darker color. If you saturate the color by 10%, you get **872D61**, and if you desaturate by 10%, it is **87496D**.

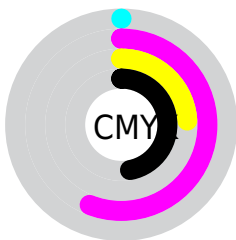
# Distribution



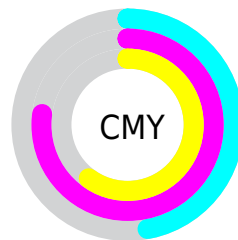
- Red (53%)
- Green (23%)
- Blue (40%)



- Red (53%)
- Yellow (23%)
- Blue (40%)



- Cyan (0%)
- Magenta (56%)
- Yellow (24%)
- Black (47%)



- Cyan (47%)
- Magenta (77%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 873B67 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 873B67 by changing the saturation by 10% instead.





873B67



873B67

FFFFFF



6C224F



BE6E9A



520438



DB88B5



390023



F8A3D0



23000B



FFBEED



000000



FFDBFF



FFF8FF



873B67



873B67



872D61



87496D

87205C

875672

871256

876478

870550

87717E

87004E

877F83

878C89

879A8F

87A794

87B59A

# Harmonies

## Analogous

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



6C4783



873B67



8F3947

# Triad

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



873B67



575913



006382

# Complementary

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



873B67



3B875B

# 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.



006565



873B67



336027

# Square

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



873B67



744F15



006444



005E93

# Rectangle

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



873B67



8C3E33



006444



006479



# Sweetspot

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



873B67



B092A3



5B3B87



594752



D9D9D9



595959



# Same Dimension

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



873B67



B0387E



873B41



423C40



82004B



030001



# Inverse Universe

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



873B67



B0387E



3B8781



423C40



82004B

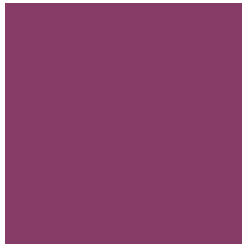


030001



# Previews

## White Background



This preview shows how the Hex color 873B67 looks on a white background.

## Color Contrast Check

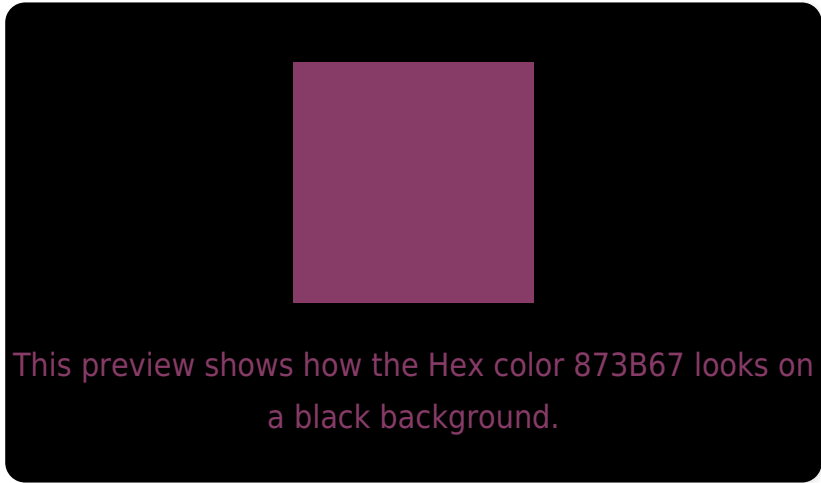
Large Text (above 18pt) WCAG AA ✓ Pass

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

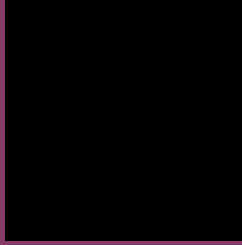
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 873B67 Background



This preview shows how black text looks on a background with the Hex color 873B67.



This preview shows how white text looks on a background with the Hex color 873B67.

# 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





**Tritanopia**  
844247

# Trichromacy



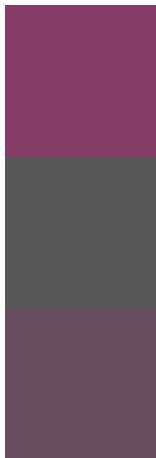
**Original Color**  
873B67

**Protanomaly**  
614C73

**Deuteranomaly**  
6A4B64

**Tritanomaly**  
853F53

# Monochromacy



**Original Color**  
873B67

**Achromatopsia**  
575757

**Achromatomaly**  
684D5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 873B67 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 #873B67 looks like.

```
.text, #text, p{  
    color:#873B67  
}
```

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 #873B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #873B67  
}
```

## Border

The CSS property to change the border of an element to Hex 873B67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

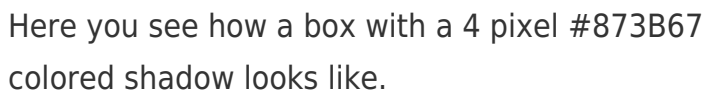
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#873B67 }
```

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

```
.border{ border-color:#873B67 }
```

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



Here you see how a box with a 4 pixel #873B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #873B67; -webkit-box-shadow:4px 4px  
4px 4px #873B67; box-shadow:4px 4px 4px  
4px #873B67 }
```

# Background

The CSS property to change the background color of an element to Hex 873B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#873B67 }
```

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

```
.background{ background-color:#873B67 }
```

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