

# Converting Colors

Hex(863B51)

Have a look what the booklet for  
Hex(863B51) contains.

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**Color**

**Hex(863B51)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	863B51
RGB	134, 59, 81
RGB Percent	53%, 23%, 32%
CMY	0.4745, 0.7686, 0.6824
CMYK	0.00, 0.56, 0.40, 0.47
HSL	342°, 39%, 38%
HSV	342°, 56%, 53%
XYZ	12.8807, 8.7903, 8.8024
YIQ	83.9330, 37.6380, 22.7420

# Conversions

## Conversions Part 2

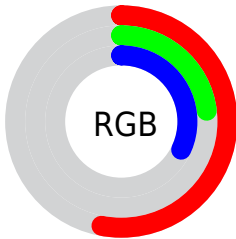
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 59, 81
Decimal	8797009
CIE <sub>Lab</sub>	35.58, 34.51, 2.45
CIE <sub>LCh</sub>	36, 34.595, 4.057
Yxy	8.7903, 0.4227, 0.2885
Android (android.graphics.Color)	4286987089 (0xFF863B51)
YUV	83.9330, -1.4460, 43.9088
Hunter-Lab	29.6485, 25.6637, 3.1512

# Details

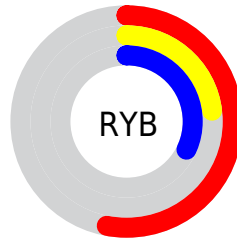
The Hex color **863B51** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3B8670**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **BE6D82**, and **510725** is the 20% darker color. If you saturate the color by 10%, you get **862E48**, and if you desaturate by 10%, it is **86485A**.

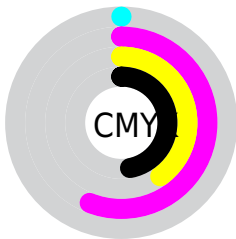
# Distribution



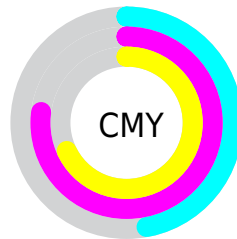
- Red (53%)
- Green (23%)
- Blue (32%)



- Red (53%)
- Yellow (23%)
- Blue (32%)



- Cyan (0%)
- Magenta (56%)
- Yellow (40%)
- Black (47%)



- Cyan (47%)
- Magenta (77%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 863B51 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 863B51 by changing the saturation by 10% instead.



 863B51

 863B51

FFFFFF

 6B223A

 BE6D82

 510725

 DB879C

 38000F

 F8A2B7

 1D0001

 FFBED3

 000000

 FFDAEF

 FFF7FF

 863B51

 863B51

 862E48

 86485A

 86203E

 865664

 861335

 86636D

 86052B

 867177

 860027

 867E80

 868B8A

 869993

 86A69D

 86B4A6

# Harmonies

## Analogous

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



78406C



863B51



843F36

# Triad

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



863B51



435B23



005D85

# Complementary

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



863B51



3B8670

# 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.



006172



863B51



195F3A

# Square

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



863B51



605319



006157



23558B

# Rectangle

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



863B51



7C4627



006157



005F80



# Sweetspot

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



863B51



AD9099



703B86



57454A



D6D6D6



575757



# Same Dimension

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



863B51



AD395B



864A3B



423C3E



820026



030001



# Inverse Universe

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



863B51



AD395B



3B7786



423C3E



820026

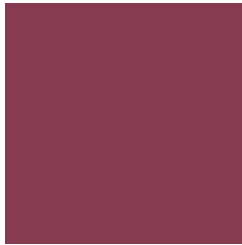


030001



# Previews

## White Background



This preview shows how the Hex color 863B51 looks on a white background.

## Color Contrast Check

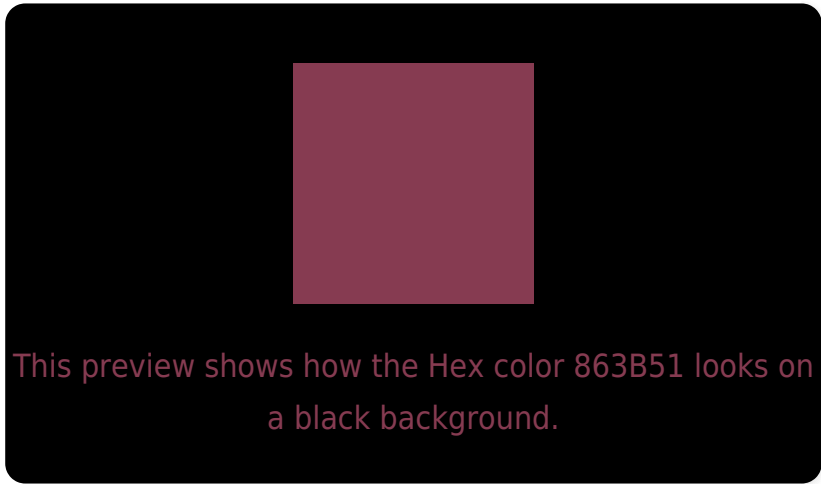
Large Text (above 18pt) WCAG AA ✓ Pass

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

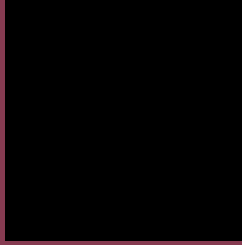
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 863B51 Background



This preview shows how black text looks on a background with the Hex color 863B51.



This preview shows how white text looks on a background with the Hex color 863B51.

# 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**  
863B51

**Protanopia**  
53545F

**Deuteranopia**  
5F514D



**Tritanopia**  
853E42

# Trichromacy



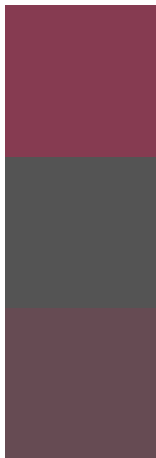
**Original Color**  
863B51

**Protanomaly**  
664B5A

**Deuteranomaly**  
6D494E

**Tritanomaly**  
853D47

# Monochromacy



**Original Color**  
863B51

**Achromatopsia**  
545454

**Achromatomaly**  
664B53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 863B51 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 #863B51 looks like.

```
.text, #text, p{  
    color:#863B51  
}
```

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 #863B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #863B51
}
```

## Border

The CSS property to change the border of an element to Hex 863B51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

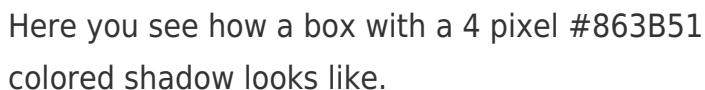
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#863B51 }
```

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

```
.border{ border-color:#863B51 }
```

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



Here you see how a box with a 4 pixel #863B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #863B51; -webkit-box-shadow:4px 4px  
4px 4px #863B51; box-shadow:4px 4px 4px  
4px #863B51 }
```

# Background

The CSS property to change the background color of an element to Hex 863B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#863B51 }
```

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

```
.background{ background-color:#863B51 }
```

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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