

# Converting Colors

Hex(863B3F)

Have a look what the booklet for  
Hex(863B3F) contains.

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# Color

Hex(863B3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	863B3F
RGB	134, 59, 63
RGB Percent	53%, 23%, 25%
CMY	0.4745, 0.7686, 0.7529
CMYK	0.00, 0.56, 0.53, 0.47
HSL	357°, 39%, 38%
HSV	357°, 56%, 53%
XYZ	12.2927, 8.5551, 5.7060
YIQ	81.8810, 43.4160, 17.1440

# Conversions

## Conversions Part 2

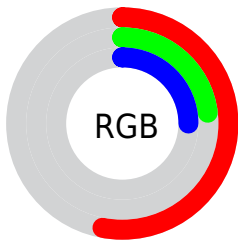
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 59, 63
Decimal	8796991
CIE Lab	35.11, 32.54, 13.28
CIE LCh	35, 35.146, 22.205
Yxy	8.5551, 0.4629, 0.3222
Android (android.graphics.Color)	4286987071 (0xFF863B3F)
YUV	81.8810, -9.3083, 45.7084
Hunter-Lab	29.2492, 23.8329, 8.9079

# Details

The Hex color **863B3F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B8682**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **BE6D6F**, and **500815** is the 20% darker color. If you saturate the color by 10%, you get **862E32**, and if you desaturate by 10%, it is **86484C**.

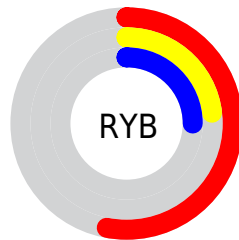
# Distribution



Red (53%)

Green (23%)

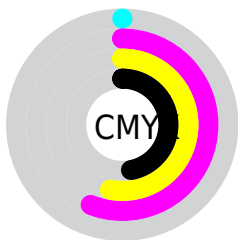
Blue (25%)



Red (53%)

Yellow (23%)

Blue (25%)

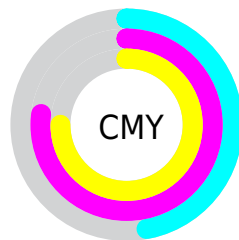


Cyan (0%)

Magenta (56%)

Yellow (53%)

Black (47%)



Cyan (47%)

Magenta (77%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 863B3F 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 863B3F by changing the saturation by 10% instead.



 863B3F

 863B3F

FFFFFF

 6B2329

 BE6D6F

 500815

 DC8788

 370000

 F9A2A2

 180001

 FFBDBD

 000000

 FFD9D9

 FFF6F5

 863B3F

 863B3F

 862E32

 86484C

 862026

 865658

 861319

 866365

 86050C

 867172

 860007

 867E7E

 868B8B

 869998

 86A6A4

 86B4B1

# Harmonies

## Analogous

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



823A5B



863B3F



7C4427

# Triad

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



863B3F



2B5D2F



00588A

# Complementary

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



863B3F



3B8682

# 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.



005E7E



863B3F



00604A

# Square

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



863B3F



4E571B



006067



474E87

# Rectangle

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



863B3F



704B1B



006067



005A88



# Sweetspot

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



863B3F



AD9091



813B86



574546



D6D6D6



575757



# Same Dimension

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



863B3F



AD393F



865C3B



423C3C



820007



030000



# Inverse Universe

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



863B3F



AD393F



3B6686



423C3C



820007

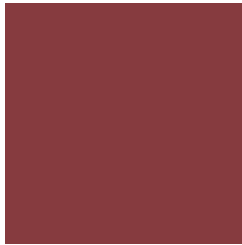


030000



# Previews

## White Background



This preview shows how the Hex color 863B3F looks on a white background.

## Color Contrast Check

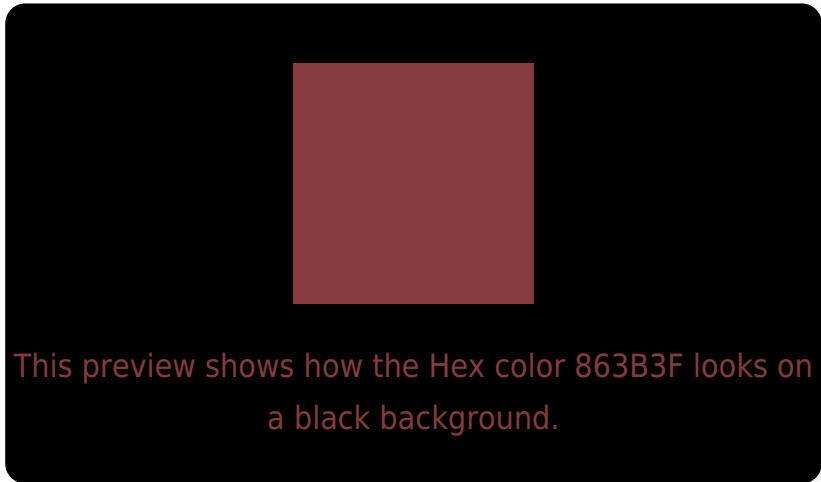
Large Text (above 18pt) WCAG AA ✓ Pass

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 863B3F Background



This preview shows how black text looks on a background with the Hex color 863B3F.



This preview shows how white text looks on a background with the Hex color 863B3F.

# 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](#).

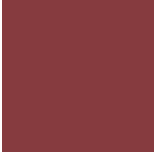
## Dichromacy



**Original Color**  
863B3F

**Protanopia**  
57534A

**Deuteranopia**  
63503C



**Tritanopia**  
863B3F

# Trichromacy



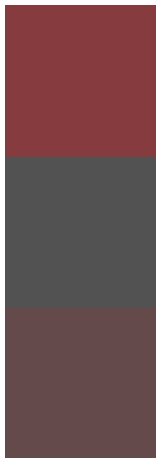
**Original Color**  
863B3F

**Protanomaly**  
684A46

**Deuteranomaly**  
70483D

**Tritanomaly**  
863B3F

# Monochromacy



**Original Color**  
863B3F

**Achromatopsia**  
525252

**Achromatomaly**  
654A4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 863B3F 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 #863B3F looks like.

```
.text, #text, p{  
    color:#863B3F  
}
```

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 #863B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #863B3F
}
```

## Border

The CSS property to change the border of an element to Hex 863B3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

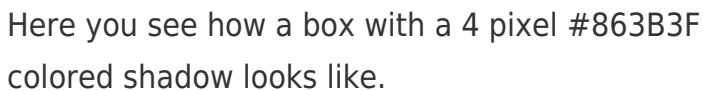
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#863B3F }
```

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

```
.border{ border-color:#863B3F }
```

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



Here you see how a box with a 4 pixel #863B3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #863B3F; -webkit-box-shadow:4px 4px  
4px 4px #863B3F; box-shadow:4px 4px 4px  
4px #863B3F }
```

# Background

The CSS property to change the background color of an element to Hex 863B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#863B3F }
```

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

```
.background{ background-color:#863B3F }
```

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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