

# Converting Colors

Hex(873B5D)

Have a look what the booklet for  
Hex(873B5D) contains.

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# Color

**Hex(873B5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	873B5D
RGB	135, 59, 93
RGB Percent	53%, 23%, 36%
CMY	0.4706, 0.7686, 0.6353
CMYK	0.00, 0.56, 0.31, 0.47
HSL	333°, 39%, 38%
HSV	333°, 56%, 53%
XYZ	13.5314, 9.0691, 11.3933
YIQ	85.6000, 34.3820, 26.6860

# Conversions

## Conversions Part 2

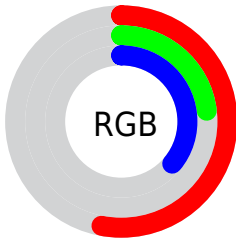
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 59, 93
Decimal	8862557
CIE <sub>Lab</sub>	36.12, 36.44, -4.39
CIE <sub>LCh</sub>	36, 36.700, 353.133
Yxy	9.0691, 0.3981, 0.2668
Android (android.graphics.Color)	4287052637 (0xFF873B5D)
YUV	85.6000, 3.6482, 43.3238
Hunter-Lab	30.1150, 27.5032, -1.3504

# Details

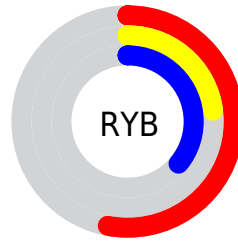
The Hex color **873B5D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3B8765**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **BE6D8F**, and **52052F** is the 20% darker color. If you saturate the color by 10%, you get **872D56**, and if you desaturate by 10%, it is **874964**.

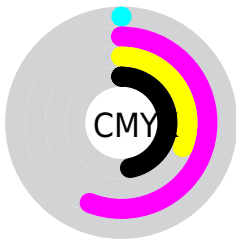
# Distribution



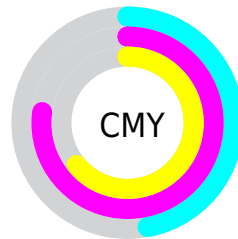
- Red (53%)
- Green (23%)
- Blue (36%)



- Red (53%)
- Yellow (23%)
- Blue (36%)



- Cyan (0%)
- Magenta (56%)
- Yellow (31%)
- Black (47%)



- Cyan (47%)
- Magenta (77%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 873B5D 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 873B5D by changing the saturation by 10% instead.





873B5D



873B5D

FFFFFF



6C2245



BE6D8F



52052F



DB88AA



39001B



F8A3C5



210001



FFBEE1



000000



FFDAFE



FFF7FF



873B5D



873B5D



872D56



874964

87204E

87566C

871247

876473

87053F

87717B

87003C

877F82

878C8A

879A91

87A799

87B5A0

# Harmonies

## Analogous

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



724479



873B5D



8B3C40

# Triad

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



873B5D



4F5A1B



006183

# Complementary

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



873B5D



3B8765

# 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.



00636B



873B5D



2A6030

# Square

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



873B5D



6B5117



00634D



005A8F

# Rectangle

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



873B5D



85422E



00634D



00627C



# Sweetspot

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



873B5D



B0929F



653B87



59474F



D9D9D9



595959



# Same Dimension

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



873B5D



B0386E



873F3B



423C3F



82003A



030001



# Inverse Universe

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



873B5D



B0386E



3B8387



423C3F



82003A

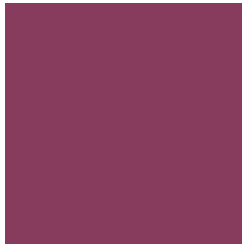


030001



# Previews

## White Background



This preview shows how the Hex color 873B5D looks on a white background.

## Color Contrast Check

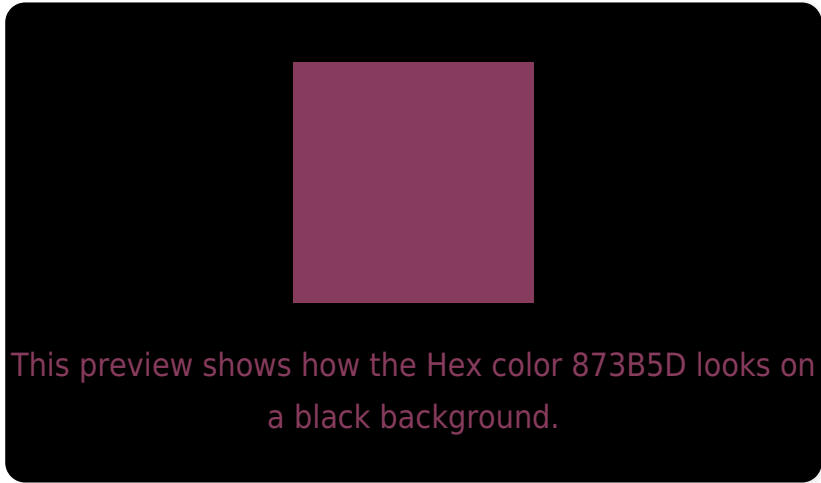
Large Text (above 18pt) WCAG AA ✓ Pass

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

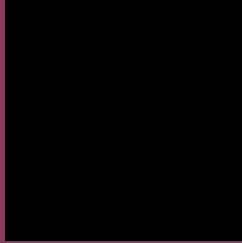
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 873B5D Background



This preview shows how black text looks on a background with the Hex color 873B5D.




This preview shows how white text looks on a background with the Hex color 873B5D.

# 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**  
854045

# Trichromacy



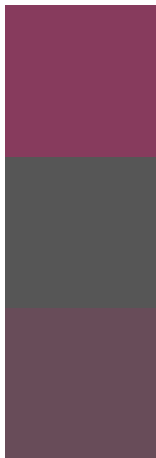
**Original Color**  
873B5D

**Protanomaly**  
634C68

**Deuteranomaly**  
6C4A5A

**Tritanomaly**  
863E4E

# Monochromacy



**Original Color**  
873B5D

**Achromatopsia**  
565656

**Achromatomaly**  
684C59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 873B5D 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 #873B5D looks like.

```
.text, #text, p{  
    color:#873B5D  
}
```

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 #873B5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #873B5D }  
}
```

## Border

The CSS property to change the border of an element to Hex 873B5D 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".

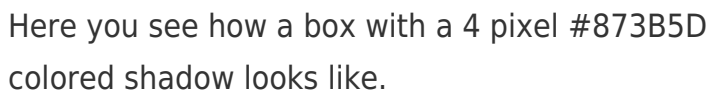
```
.border, #border, table{ border:4px solid #873B5D }  
}
```

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

```
.border{ border-color:#873B5D }
```

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

Here you see how a box with a 4 pixel #873B5D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #873B5D; -webkit-box-shadow:4px 4px  
4px 4px #873B5D; box-shadow:4px 4px 4px  
4px #873B5D }
```

# Background

The CSS property to change the background color of an element to Hex 873B5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#873B5D }
```

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

```
.background{ background-color:#873B5D }
```

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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