

# Converting Colors

Hex(823D6E)

Have a look what the booklet for  
Hex(823D6E) contains.

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# Color

**Hex(823D6E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	823D6E
RGB	130, 61, 110
RGB Percent	51%, 24%, 43%
CMY	0.4902, 0.7608, 0.5686
CMYK	0.00, 0.53, 0.15, 0.49
HSL	317°, 36%, 37%
HSV	317°, 53%, 51%
XYZ	13.6891, 9.2091, 15.8079
YIQ	87.2170, 25.3950, 29.8670

# Conversions

## Conversions Part 2

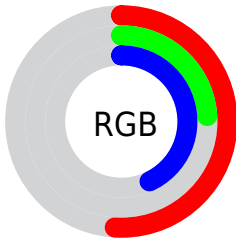
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 61, 110
Decimal	8535406
CIE <sub>Lab</sub>	36.38, 36.30, -14.80
CIE <sub>LCh</sub>	36, 39.198, 337.818
Yxy	9.2091, 0.3537, 0.2379
Android (android.graphics.Color)	4286725486 (0xFF823D6E)
YUV	87.2170, 11.2320, 37.5207
Hunter-Lab	30.3465, 27.4140, -9.6424

# Details

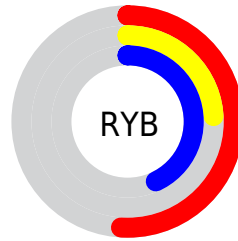
The Hex color **823D6E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D8251**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B96FA2**, and **4E093E** is the 20% darker color. If you saturate the color by 10%, you get **82306A**, and if you desaturate by 10%, it is **824A72**.

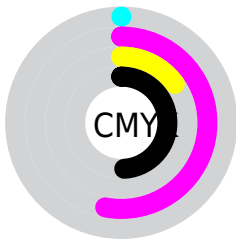
# Distribution



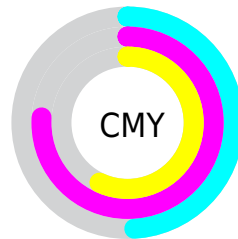
- Red (51%)
- Green (24%)
- Blue (43%)



- Red (51%)
- Yellow (24%)
- Blue (43%)



- Cyan (0%)
- Magenta (53%)
- Yellow (15%)
- Black (49%)



- Cyan (49%)
- Magenta (76%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 823D6E 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 823D6E by changing the saturation by 10% instead.



 823D6E

 823D6E

FFFFFF

 682456

 B96FA2

 4E093E

 D589BD

 360028

 F2A4D9

 1F0013

 FFC0F5

 000000

 FFD0FF

 FFF9FF

 823D6E

 823D6E

 82306A

 824A72

822366

825776

821663

826479

82095F

82717D

82005C

827E81

828B85

829888

82A58C

82B290

# Harmonies

## Analogous

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



624A88



823D6E



8F384F

# Triad

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



823D6E



5F5710



00647B

# Complementary

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



823D6E



3D8251

# 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.



00655D



823D6E



3D5F20

# Square

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



823D6E



794B19



00633D



005F90

# Rectangle

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



823D6E



8E3C3A



00633D



006472



# Sweetspot

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



823D6E



A88DA0



513D82



544450



D4D4D4



545454



# Same Dimension

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



823D6E



A83D89



823D4C



40393E



80005B



000000



# Inverse Universe

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



823D6E



A83D89



3D8273



40393E



80005B

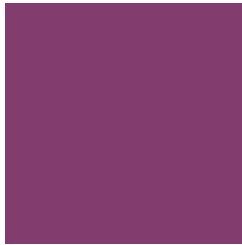


000000



# Previews

## White Background



This preview shows how the Hex color 823D6E looks on a white background.

## Color Contrast Check

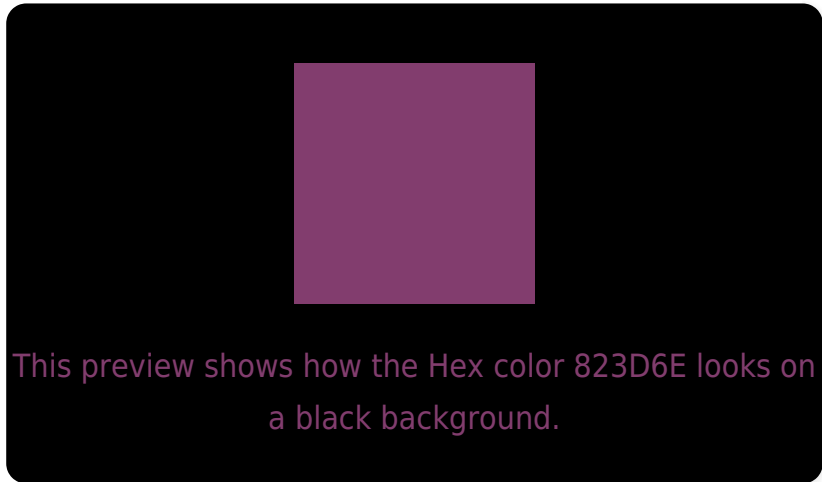
Large Text (above 18pt) WCAG AA ✓ Pass

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

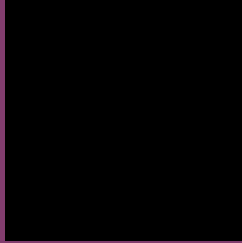
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 823D6E Background



This preview shows how black text looks on a background with the Hex color 823D6E.



This preview shows how white text looks on a background with the Hex color 823D6E.

# 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**  
823D6E

**Protanopia**  
485580

**Deuteranopia**  
55546A



**Tritanopia**  
7E454A

# Trichromacy



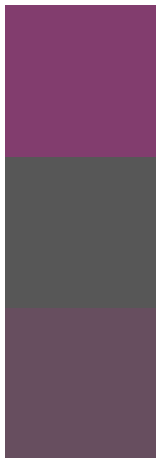
**Original Color**  
823D6E

**Protanomaly**  
5D4C79

**Deuteranomaly**  
654C6B

**Tritanomaly**  
7F4257

# Monochromacy



**Original Color**  
823D6E

**Achromatopsia**  
575757

**Achromatomaly**  
674E5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 823D6E 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 #823D6E looks like.

```
.text, #text, p{  
    color:#823D6E  
}
```

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 #823D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #823D6E
}
```

## Border

The CSS property to change the border of an element to Hex 823D6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

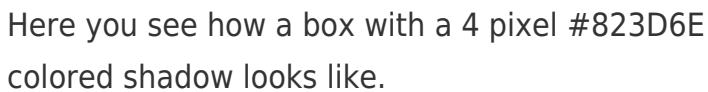
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#823D6E }
```

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

```
.border{ border-color:#823D6E }
```

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



Here you see how a box with a 4 pixel #823D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #823D6E; -webkit-box-shadow:4px 4px  
4px 4px #823D6E; box-shadow:4px 4px 4px  
4px #823D6E }
```

# Background

The CSS property to change the background color of an element to Hex 823D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#823D6E }
```

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

```
.background{ background-color:#823D6E }
```

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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