

Converting Colors

Hex(803E73)

Have a look what the booklet for
Hex(803E73) contains.

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Color

Hex(803E73)

Conversions

Conversions Part 1

Format	Color
Hex	803E73
RGB	128, 62, 115
RGB Percent	50%, 24%, 45%
CMY	0.4980, 0.7569, 0.5490
CMYK	0.00, 0.52, 0.10, 0.50
HSL	312°, 35%, 37%
HSV	312°, 52%, 50%
XYZ	13.7192, 9.2722, 17.2863
YIQ	87.7760, 22.3230, 30.4750

Conversions

Conversions Part 2

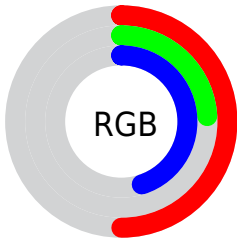
Format	Color
R _Y B	128, 62, 115
Decimal	8404595
CIE Lab	36.50, 35.97, -17.77
CIE LCh	37, 40.125, 333.709
Yxy	9.2722, 0.3406, 0.2302
Android (android.graphics.Color)	4286594675 (0xFF803E73)
YUV	87.7760, 13.4214, 35.2764
Hunter-Lab	30.4504, 27.1339, -12.3429

Details

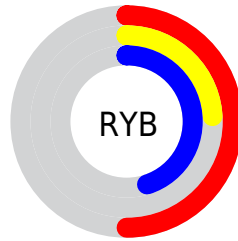
The Hex color **803E73** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3E804B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B670A7**, and **4D0B43** is the 20% darker color. If you saturate the color by 10%, you get **803170**, and if you desaturate by 10%, it is **804B76**.

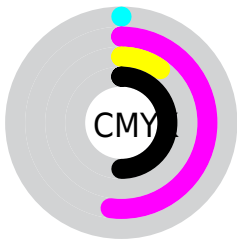
Distribution



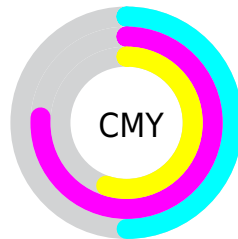
- Red (50%)
- Green (24%)
- Blue (45%)



- Red (50%)
- Yellow (24%)
- Blue (45%)



- Cyan (0%)
- Magenta (52%)
- Yellow (10%)
- Black (50%)



- Cyan (50%)
- Magenta (76%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803E73 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 803E73 by changing the saturation by 10% instead.

 803E73

 803E73

FFFFFF

 66265A

 B670A7

 4D0B43

 D38AC2

 34002C

 EFA5DE

 1D0018

 FFC1FB

 000000

 FFDDFF

 FFFAFF

 803E73

 803E73

 803170

 804B76

80246E

805878

80186B

80647B

800B69

80717D

800067

807E80

808B82

809885

80A487

80B18A

Harmonies

Analogous

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



5C4C8C



803E73



903753

Triad

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



803E73



63560E



006579

Complementary

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



803E73



3E804B

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.



006559



803E73



425E1C

Square

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



803E73



7D4A1A



046338



00618F

Rectangle

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



803E73



903A3E



046338



00656F

Sweetspot

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



803E73



A68DA1



4A3E80



544551



D4D4D4



545454

Same Dimension

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



803E73



A63F92



803E53



40393E



800066



000000

Inverse Universe

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



803E73



A63F92



3E806B



40393E



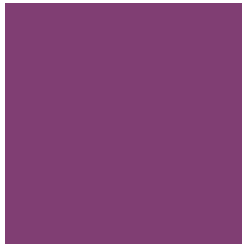
800066



000000

Previews

White Background



This preview shows how the Hex color 803E73 looks on a white background.

Color Contrast Check

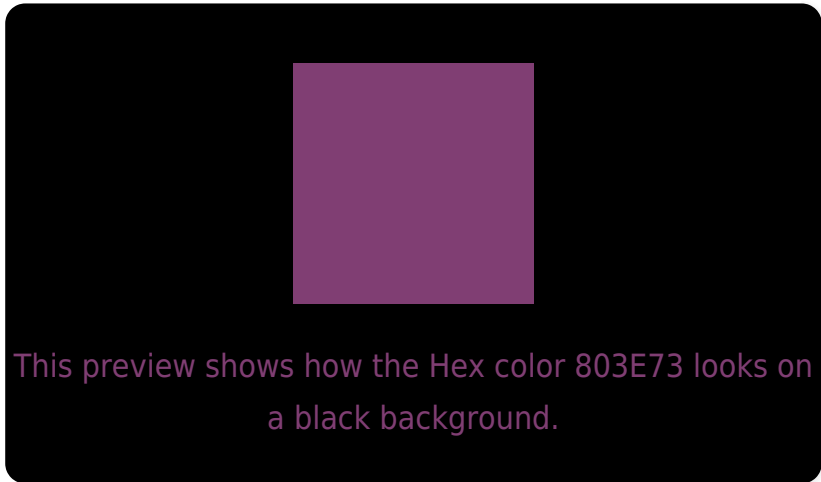
Large Text (above 18pt) WCAG AA ✓ Pass

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

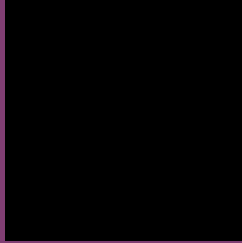
Any Text WCAG AA × Fail

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 803E73 Background



This preview shows how black text looks on a background with the Hex color 803E73.

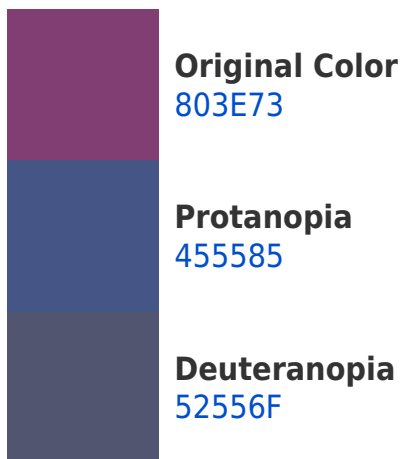



This preview shows how white text looks on a background with the Hex color 803E73.

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
7C474C

Trichromacy



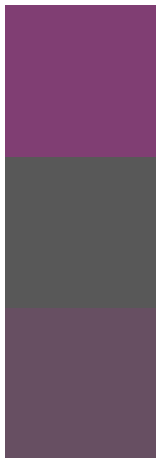
Original Color
803E73

Protanomaly
5A4D7E

Deuteranomaly
634D70

Tritanomaly
7D445A

Monochromacy



Original Color
803E73

Achromatopsia
585858

Achromatomaly
674F62

CSS Examples

Text

The CSS property to change the color of the text to Hex 803E73 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 #803E73 looks like.

```
.text, #text, p{  
    color:#803E73  
}
```

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 #803E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803E73
}
```

Border

The CSS property to change the border of an element to Hex 803E73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

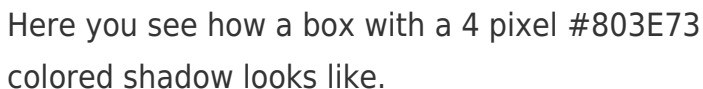
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803E73 }
```

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

```
.border{ border-color:#803E73 }
```

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



Here you see how a box with a 4 pixel #803E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803E73; -webkit-box-shadow:4px 4px  
4px 4px #803E73; box-shadow:4px 4px 4px  
4px #803E73 }
```

Background

The CSS property to change the background color of an element to Hex 803E73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803E73 }
```

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

```
.background{ background-color:#803E73 }
```

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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