

# Converting Colors

Hex(803E79)

Have a look what the booklet for  
Hex(803E79) contains.

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# Color

**Hex(803E79)**

# Conversions

Conversions Part 1	
Format	Color
Hex	803E79
RGB	128, 62, 121
RGB Percent	50%, 24%, 47%
CMY	0.4980, 0.7569, 0.5255
CMYK	0.00, 0.52, 0.05, 0.50
HSL	306°, 35%, 37%
HSV	306°, 52%, 50%
XYZ	14.0759, 9.4149, 19.1645
YIQ	88.4600, 20.3970, 32.3410

# Conversions

## Conversions Part 2

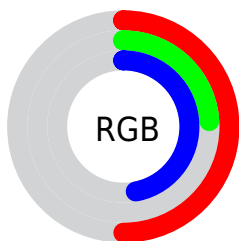
Format	Color
<a href="#">RYB</a>	<a href="#">128, 62, 121</a>
Decimal	<a href="#">8404601</a>
CIELab	<a href="#">36.77, 37.07, -21.10</a>
CIELCh	<a href="#">37, 42.656, 330.355</a>
Yxy	<a href="#">9.4149, 0.3300, 0.2207</a>
Android (android.graphics.Color)	<a href="#">4286594681</a> (0xFF803E79)
YUV	<a href="#">88.4600, 16.0422, 34.6766</a>
Hunter-Lab	<a href="#">30.6837, 28.1888, -15.5529</a>

# Details

The Hex color **803E79** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3E8045**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B670AE**, and **4D0A48** is the 20% darker color. If you saturate the color by 10%, you get **803178**, and if you desaturate by 10%, it is **804B7A**.

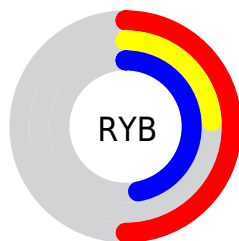
# Distribution



Red (50%)

Green (24%)

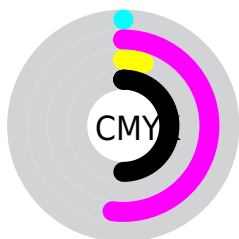
Blue (47%)



Red (50%)

Yellow (24%)

Blue (47%)

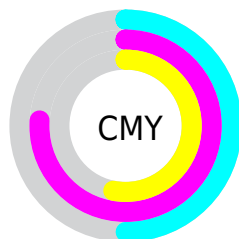


Cyan (0%)

Magenta (52%)

Yellow (5%)

Black (50%)



Cyan (50%)

Magenta (76%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 803E79 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 803E79 by changing the saturation by 10% instead.



 803E79

 803E79

FFFFFF

 662560

 B670AE

 4D0A48

 D38BC9

 340031

 EFA5E5

 1E001C

 FFC1FF

 000000

 FFDDFF

 FFFAFF

 803E79

 803E79

 803178

 804B7A

 802476

 80587C

 801875

 80647D

 800B74

 80717E

 800072

 807E80

 808B81

 809883

 80A484

 80B185

# Harmonies

## Analogous

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



564D92



803E79



933558

# Triad

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



803E79



675507



006678

# Complementary

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



803E79



3E8045

# 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.



006756



803E79



455F15

# Square

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



803E79



824819



076433



006392

# Rectangle

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



803E79



943741



076433



00676D



# Sweetspot

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



803E79



A68DA3



453E80



544553



D4D4D4



545454



# Same Dimension

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



803E79



A63F9B



803E58



40393F



800072



000000



# Inverse Universe

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



803E79



A63F9B



3E8066



40393F



800072



000000



# Previews

## White Background



This preview shows how the Hex color 803E79 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



This preview shows how the Hex color 803E79 looks on a 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 803E79 Background



This preview shows how black text looks on a background with the Hex color 803E79.



This preview shows how white text looks on a background with the Hex color 803E79.

# 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**  
803E79




**Protanopia**  
42558C

**Deuteranopia**  
4F5675


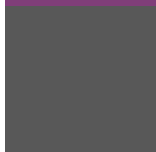



**Tritanopia**  
7B484E

# Trichromacy

	<b>Original Color</b> 803E79
	<b>Protanomaly</b> 594D85
	<b>Deuteranomaly</b> 614D76
	<b>Tritanomaly</b> 7D445E

# Monochromacy

	<b>Original Color</b> 803E79
	<b>Achromatopsia</b> 585858
	<b>Achromatomaly</b> 674F64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 803E79 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 #803E79 looks like.

```
.text, #text, p{  
    color:#803E79  
}
```

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 #803E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803E79
}
```

## Border

The CSS property to change the border of an element to Hex 803E79 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
#803E79 }
```

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

```
.border{ border-color:#803E79 }
```

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

Here you see how a box with a 4 pixel #803E79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803E79; -webkit-box-shadow:4px 4px  
4px 4px #803E79; box-shadow:4px 4px 4px  
4px #803E79 }
```

# Background

The CSS property to change the background color of an element to Hex 803E79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803E79 }
```

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

```
.background{ background-color:#803E79 }
```

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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