

Converting Colors

Hex(803ED7)

Have a look what the booklet for
Hex(803ED7) contains.

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Color

Hex(803ED7)

Conversions

Conversions Part 1

Format	Color
Hex	803ED7
RGB	128, 62, 215
RGB Percent	50%, 24%, 84%
CMY	0.4980, 0.7569, 0.1569
CMYK	0.40, 0.71, 0.00, 0.16
HSL	266°, 66%, 54%
HSV	266°, 71%, 84%
XYZ	22.8905, 12.9407, 65.5813
YIQ	99.1760, -9.7770, 61.5750

Conversions

Conversions Part 2

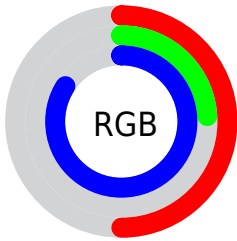
Format	Color
R _Y B	128, 62, 215
Decimal	8404695
CIE Lab	42.67, 58.18, -67.74
CIE LCh	43, 89.295, 310.657
Yxy	12.9407, 0.2257, 0.1276
Android (android.graphics.Color)	4286594775 (0xFF803ED7)
YUV	99.1760, 57.1012, 25.2786
Hunter-Lab	35.9732, 50.6298, -82.9079

Details

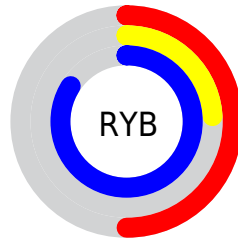
The Hex color **803ED7** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **95D73E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **BB73FF**, and **44009F** is the 20% darker color. If you saturate the color by 10%, you get **7429D7**, and if you desaturate by 10%, it is **8C54D7**.

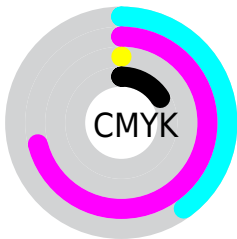
Distribution



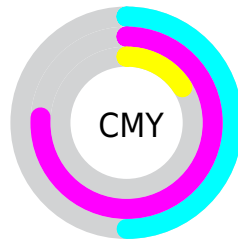
- Red (50%)
- Green (24%)
- Blue (84%)



- Red (50%)
- Yellow (24%)
- Blue (84%)



- Cyan (40%)
- Magenta (71%)
- Yellow (0%)
- Black (16%)



- Cyan (50%)
- Magenta (76%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803ED7 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 803ED7 by changing the saturation by 10% instead.

803ED7

803ED7

FFFFFF

6323BB

BB73FF

44009F

D88EFF

210084

F6A9FF

00006A

FFC5FF

000051

FFE2FF

000539

000222

000008

000000

 803ED7

 803ED7

 7429D7

 8C54D7

 6813D7

 9869D7

 5D00D7

 A57FD7

 B194D7

 BDAAD7

 C9BFD7

 D6D5D7

 E2EAD7

 EEFFD7

Harmonies

Analogous

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



0067FA



803ED7



CA0097

Triad

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



803ED7



A14E00



00817E

Complementary

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



803ED7



95D73E

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.



007E2F



803ED7



646A00

Square

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



803ED7



CD0100



007800



0081C5

Rectangle

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



803ED7



DD0067



007800



008065

Sweetspot

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



803ED7



E1C9FF



3E97D7



6D6080



000000



808080

Same Dimension

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



803ED7



8426FF



CA3ED7



65606B



4A00AB



13002B

Inverse Universe

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



D73E95



FF26A1



4BD73E



6B6066



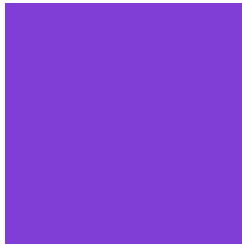
AB0061



2B0019

Previews

White Background



This preview shows how the Hex color 803ED7 looks on a white background.

Color Contrast Check

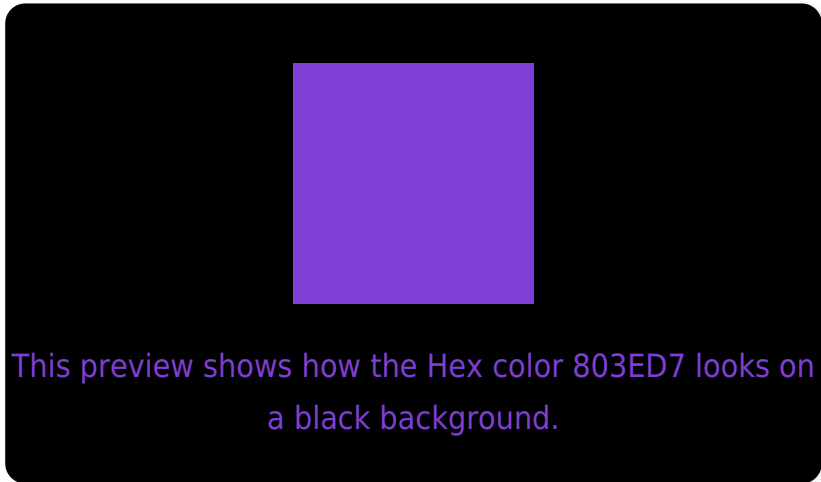
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 803ED7 Background



This preview shows how black text looks on a background with the Hex color 803ED7.

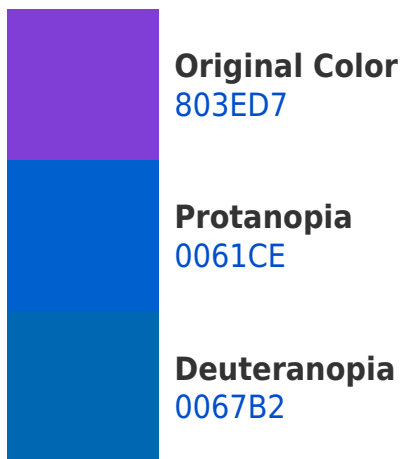


This preview shows how white text looks on a background with the Hex color 803ED7.

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
68636B

Trichromacy



Original Color
803ED7



Protanomaly
2F54D1



Deuteranomaly
2F58BF



Tritanomaly
715692

Monochromacy



Original Color
803ED7



Achromatopsia
636363



Achromatomaly
6E568D

CSS Examples

Text

The CSS property to change the color of the text to Hex 803ED7 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 #803ED7 looks like.

```
.text, #text, p{  
    color:#803ED7  
}
```

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 #803ED7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803ED7
}
```

Border

The CSS property to change the border of an element to Hex 803ED7 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".

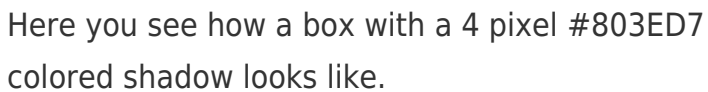
```
.border, #border, table{ border:4px solid
#803ED7 }
```

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

```
.border{ border-color:#803ED7 }
```

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

Here you see how a box with a 4 pixel #803ED7 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803ED7; -webkit-box-shadow:4px 4px  
4px 4px #803ED7; box-shadow:4px 4px 4px  
4px #803ED7 }
```

Background

The CSS property to change the background color of an element to Hex 803ED7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803ED7 }
```

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

```
.background{ background-color:#803ED7 }
```

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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