

Converting Colors

Hex(83447D)

Have a look what the booklet for
Hex(83447D) contains.

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Color

Hex(83447D)

Conversions

Conversions Part 1

Format	Color
Hex	83447D
RGB	131, 68, 125
RGB Percent	51%, 27%, 49%
CMY	0.4863, 0.7333, 0.5098
CMYK	0.00, 0.48, 0.05, 0.49
HSL	306°, 32%, 39%
HSV	306°, 48%, 51%
XYZ	15.1289, 10.4402, 20.6198
YIQ	93.3350, 19.2510, 31.0830

Conversions

Conversions Part 2

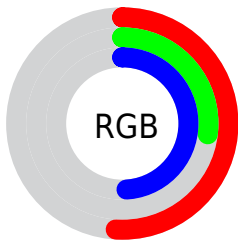
Format	Color
RYB	131, 68, 125
Decimal	8602749
CIELab	38.62, 35.54, -20.68
CIElCh	39, 41.115, 329.807
Yxy	10.4402, 0.3275, 0.2260
Android (android.graphics.Color)	4286792829 (0xFF83447D)
YUV	93.3350, 15.6108, 33.0322
Hunter-Lab	32.3113, 27.0328, -15.2187

Details

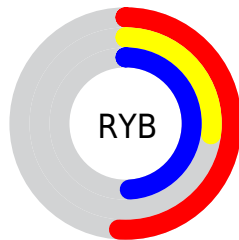
The Hex color **83447D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **44834A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B976B2**, and **50134C** is the 20% darker color. If you saturate the color by 10%, you get **83377C**, and if you desaturate by 10%, it is **83517E**.

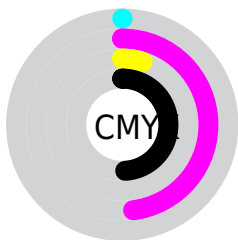
Distribution



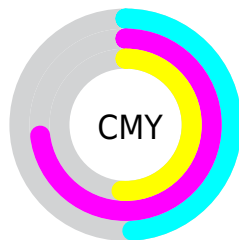
- Red (51%)
- Green (27%)
- Blue (49%)



- Red (51%)
- Yellow (27%)
- Blue (49%)



- Cyan (0%)
- Magenta (48%)
- Yellow (5%)
- Black (49%)



- Cyan (49%)
- Magenta (73%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83447D 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 83447D by changing the saturation by 10% instead.

83447D

83447D

FFFFFF

692C64

B976B2

50134C

D691CD

370035

F2ACEA

230020

FFC7FF

000003

FFE4FF

000000

83447D

83447D

83377C

83517E

832A7B

835E7F

831D79

836B81

831078

837882

830377

838583

830077

839384

83A086

83AD87

83BA88

Harmonies

Analogous

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



5B5295



83447D



963C5D

Triad

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



83447D



6D5911



006B7B

Complementary

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



83447D



44834A

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.



006B5A



83447D



4B631C

Square

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



83447D



864C20



186838



006794

Rectangle

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



83447D



983D46



186838



006B71

Sweetspot

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



83447D



AB93A9



494483



574855



D6D6D6



575757

Same Dimension

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



83447D



AB48A1



83445E



423C42



820076



030002

Inverse Universe

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



83447D



AB48A1



448369



423C42



820076



030002

Previews

White Background



This preview shows how the Hex color 83447D looks on a white background.

Color Contrast Check

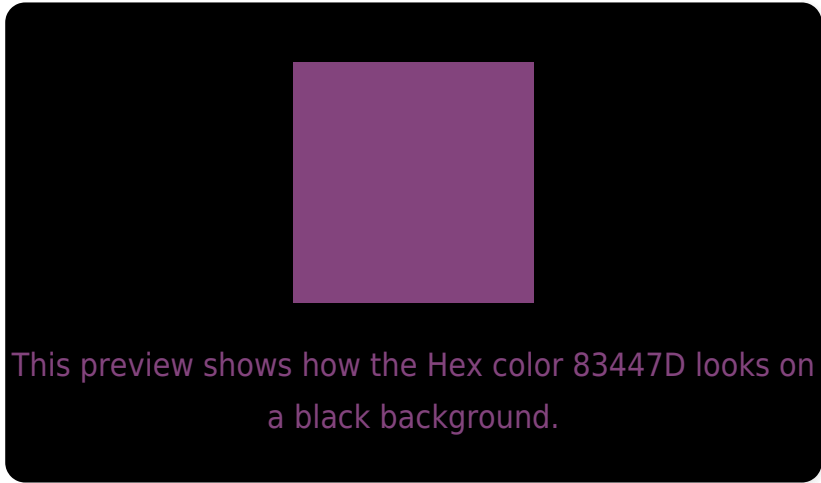
Large Text (above 18pt) WCAG AA ✓ Pass

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

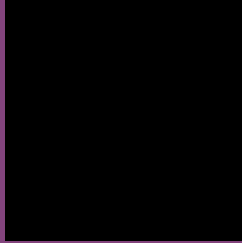
Any Text WCAG AA × Fail

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 83447D Background



This preview shows how black text looks on a background with the Hex color 83447D.

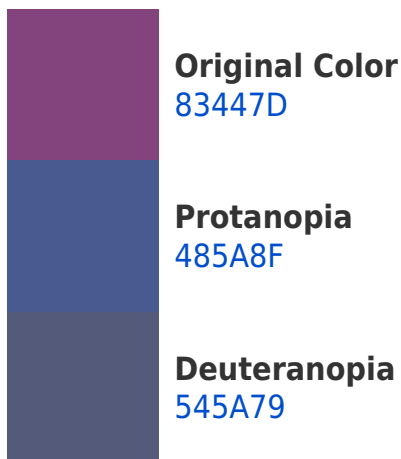



This preview shows how white text looks on a background with the Hex color 83447D.

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
7E4E53

Trichromacy



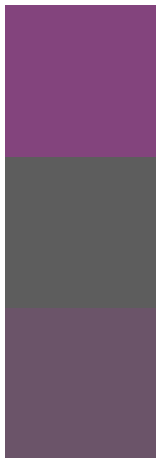
Original Color
83447D

Protanomaly
5D5288

Deuteranomaly
65527A

Tritanomaly
804A62

Monochromacy



Original Color
83447D

Achromatopsia
5D5D5D

Achromatomaly
6B5469

CSS Examples

Text

The CSS property to change the color of the text to Hex 83447D 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 #83447D looks like.

```
.text, #text, p{  
    color:#83447D  
}
```

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 #83447D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83447D
}
```

Border

The CSS property to change the border of an element to Hex 83447D is called "border". The border property can be set on classes, ids or directly on the HTML element.

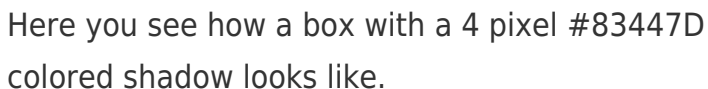
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83447D }
```

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

```
.border{ border-color:#83447D }
```

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



Here you see how a box with a 4 pixel #83447D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83447D; -webkit-box-shadow:4px 4px  
4px 4px #83447D; box-shadow:4px 4px 4px  
4px #83447D }
```

Background

The CSS property to change the background color of an element to Hex 83447D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83447D }
```

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

```
.background{ background-color:#83447D }
```

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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