

# Converting Colors

Hex(85427B)

Have a look what the booklet for  
Hex(85427B) contains.

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# Color

**Hex(85427B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85427B
RGB	133, 66, 123
RGB Percent	52%, 26%, 48%
CMY	0.4784, 0.7412, 0.5176
CMYK	0.00, 0.50, 0.08, 0.48
HSL	309°, 34%, 39%
HSV	309°, 50%, 52%
XYZ	15.1962, 10.3130, 19.9286
YIQ	92.5310, 21.6350, 31.9310

# Conversions

## Conversions Part 2

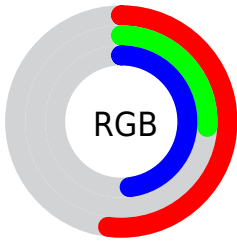
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 66, 123
Decimal	8733307
CIE <sub>Lab</sub>	38.40, 36.90, -19.76
CIE <sub>LCh</sub>	38, 41.858, 331.826
Yxy	10.3130, 0.3344, 0.2270
Android (android.graphics.Color)	4286923387 (0xFF85427B)
YUV	92.5310, 15.0212, 35.4913
Hunter-Lab	32.1139, 28.2664, -14.3132

# Details

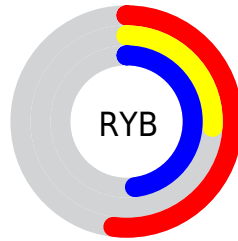
The Hex color **85427B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **42854C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **BC75B0**, and **510F4A** is the 20% darker color. If you saturate the color by 10%, you get **853579**, and if you desaturate by 10%, it is **854F7D**.

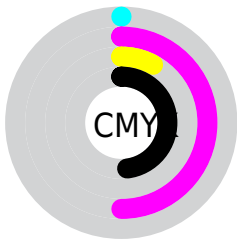
# Distribution



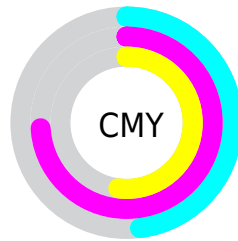
- Red (52%)
- Green (26%)
- Blue (48%)



- Red (52%)
- Yellow (26%)
- Blue (48%)



- Cyan (0%)
- Magenta (50%)
- Yellow (8%)
- Black (48%)



- Cyan (48%)
- Magenta (74%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85427B 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 85427B by changing the saturation by 10% instead.



 85427B

 85427B

FFFFFF

 6B2962

 BC75B0

 510F4A

 D88FCB

 390033

 F5AAE7

 24001E

 FFC6FF

 000000

 FFE2FF

 85427B

 85427B

 853579

 854F7D

 852777

 855D7F

851A75

856A81

850D73

857783

850071

858585

859287

859F89

85AC8B

85BA8D

# Harmonies

## Analogous

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



5D5194



85427B



973A5A

# Triad

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



85427B



6A590E



006A7D

# Complementary

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



85427B



42854C

# 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.



006B5C



85427B



48631C

# Square

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



85427B



854D1D



0D6839



006696

# Rectangle

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



85427B



983C43



0D6839



006B73



# Sweetspot

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



85427B



AD93AA



4B4285



574754



D6D6D6



575757



# Same Dimension

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



85427B



AD459E



85425B



423C41



82006F



030002



# Inverse Universe

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



85427B



AD459E



42856C



423C41



82006F

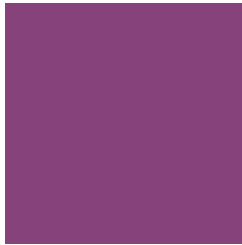


030002



# Previews

## White Background



This preview shows how the Hex color 85427B looks on a white background.

## Color Contrast Check

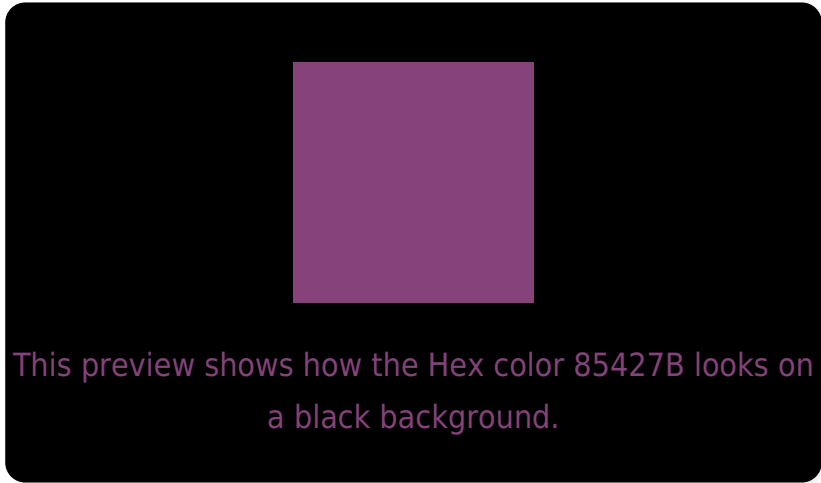
Large Text (above 18pt) WCAG AA ✓ Pass

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

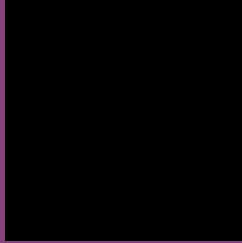
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 85427B Background



This preview shows how black text looks on a background with the Hex color 85427B.



This preview shows how white text looks on a background with the Hex color 85427B.

# 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**  
804C51

# Trichromacy



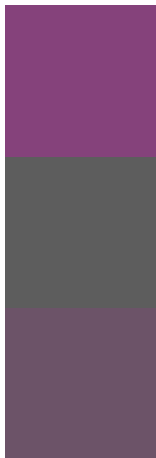
**Original Color**  
85427B

**Protanomaly**  
5E5187

**Deuteranomaly**  
665178

**Tritanomaly**  
824860

# Monochromacy



**Original Color**  
85427B

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
6C5368

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85427B 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 #85427B looks like.

```
.text, #text, p{  
    color:#85427B  
}
```

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 #85427B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85427B  
}
```

## Border

The CSS property to change the border of an element to Hex 85427B is called "border". The border property can be set on classes, ids or directly on the HTML element.

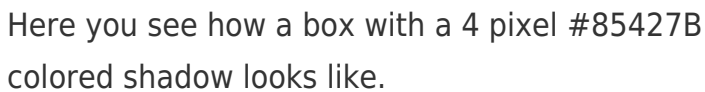
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#85427B }
```

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

```
.border{ border-color:#85427B }
```

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



Here you see how a box with a 4 pixel #85427B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85427B; -webkit-box-shadow:4px 4px  
4px 4px #85427B; box-shadow:4px 4px 4px  
4px #85427B }
```

# Background

The CSS property to change the background color of an element to Hex 85427B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85427B }
```

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

```
.background{ background-color:#85427B }
```

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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