

Converting Colors

Hex(85437B)

Have a look what the booklet for
Hex(85437B) contains.

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Color

Hex(85437B)

Conversions

Conversions Part 1

Format	Color
Hex	85437B
RGB	133, 67, 123
RGB Percent	52%, 26%, 48%
CMY	0.4784, 0.7373, 0.5176
CMYK	0.00, 0.50, 0.08, 0.48
HSL	309°, 33%, 39%
HSV	309°, 50%, 52%
XYZ	15.2552, 10.4309, 19.9482
YIQ	93.1180, 21.3600, 31.4080

Conversions

Conversions Part 2

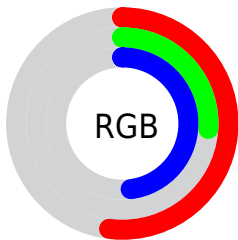
Format	Color
R_{YB}	133, 67, 123
Decimal	8733563
CIE _{Lab}	38.60, 36.36, -19.44
CIE _{LCh}	39, 41.232, 331.862
Yxy	10.4309, 0.3343, 0.2286
Android (android.graphics.Color)	4286923643 (0xFF85437B)
YUV	93.1180, 14.7318, 34.9765
Hunter-Lab	32.2969, 27.7933, -14.0127

Details

The Hex color **85437B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43854D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BC75B0**, and **51114A** is the 20% darker color. If you saturate the color by 10%, you get **853679**, and if you desaturate by 10%, it is **85507D**.

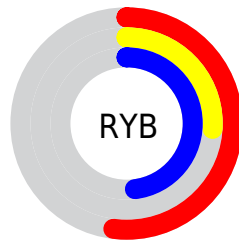
Distribution



Red (52%)

Green (26%)

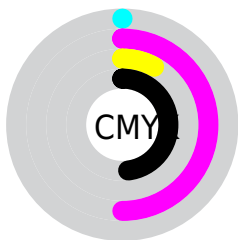
Blue (48%)



Red (52%)

Yellow (26%)

Blue (48%)

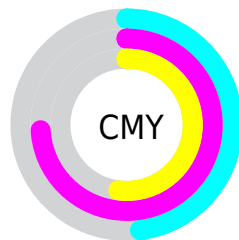


Cyan (0%)

Magenta (50%)

Yellow (8%)

Black (48%)



Cyan (48%)

Magenta (74%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85437B 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 85437B by changing the saturation by 10% instead.

85437B

85437B

FFFFFF

6B2B62

BC75B0

51114A

D890CB

390033

F5ABE7

24001E

FFC7FF

000000

FFE3FF

85437B

85437B

853679

85507D

852877

855E7F

851B75

856B81

850E73

857883

850171

858685

850071

859387

85A089

85AD8B

85BB8D

Harmonies

Analogous

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



5E5194



85437B



963B5A

Triad

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



85437B



6A5A11



006A7D

Complementary

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



85437B



43854D

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



85437B



49631D

Square

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



85437B



854D1F



11693A



006695

Rectangle

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



85437B



973E44



11693A



006B73

Sweetspot

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



85437B



AD93A9



4D4385



574754



D6D6D6



575757

Same Dimension

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



85437B



AD459E



85435A



423C41



82006E



030002

Inverse Universe

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



85437B



AD459E



43856E



423C41



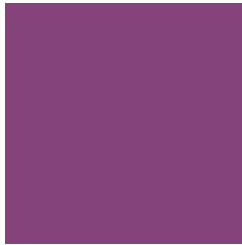
82006E



030002

Previews

White Background



This preview shows how the Hex color 85437B looks on a white background.

Color Contrast Check

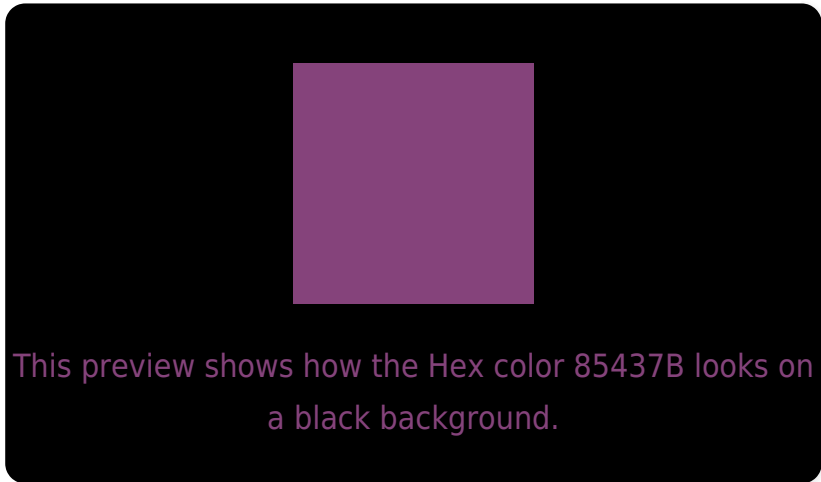
Large Text (above 18pt) WCAG AA ✓ Pass

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

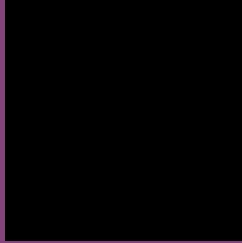
Any Text WCAG AA × Fail

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 85437B Background



This preview shows how black text looks on a background with the Hex color 85437B.

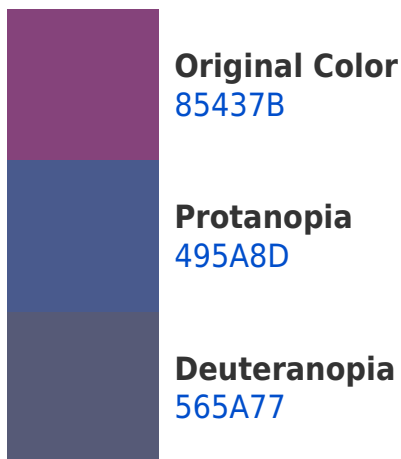


This preview shows how white text looks on a background with the Hex color 85437B.

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
804C52

Trichromacy



Original Color
85437B



Protanomaly
5F5286



Deuteranomaly
675278



Tritanomaly
824961

Monochromacy



Original Color
85437B



Achromatopsia
5D5D5D



Achromatomaly
6C5468

CSS Examples

Text

The CSS property to change the color of the text to Hex 85437B 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 #85437B looks like.

```
.text, #text, p{  
    color:#85437B  
}
```

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 #85437B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85437B
}
```

Border

The CSS property to change the border of an element to Hex 85437B is called "border". The border property can be set on classes, ids or directly on the HTML element.

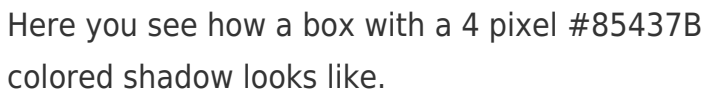
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85437B }
```

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

```
.border{ border-color:#85437B }
```

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



Here you see how a box with a 4 pixel #85437B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85437B; -webkit-box-shadow:4px 4px  
4px 4px #85437B; box-shadow:4px 4px 4px  
4px #85437B }
```

Background

The CSS property to change the background color of an element to Hex 85437B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85437B }
```

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

```
.background{ background-color:#85437B }
```

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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