

# Converting Colors

Hex(83537B)

Have a look what the booklet for  
Hex(83537B) contains.

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# Color

**Hex(83537B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83537B
RGB	131, 83, 123
RGB Percent	51%, 33%, 48%
CMY	0.4863, 0.6745, 0.5176
CMYK	0.00, 0.37, 0.06, 0.49
HSL	310°, 22%, 42%
HSV	310°, 37%, 51%
XYZ	16.0285, 12.4419, 20.2956
YIQ	101.9120, 15.7680, 22.6160

# Conversions

## Conversions Part 2

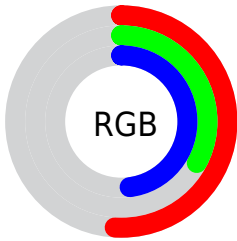
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 83, 123
Decimal	8606587
CIE <sub>Lab</sub>	41.91, 26.63, -14.40
CIE <sub>LCh</sub>	42, 30.274, 331.594
Yxy	12.4419, 0.3287, 0.2551
Android (android.graphics.Color)	4286796667 (0xFF83537B)
YUV	101.9120, 10.3964, 25.5102
Hunter-Lab	35.2730, 19.3847, -9.4235

# Details

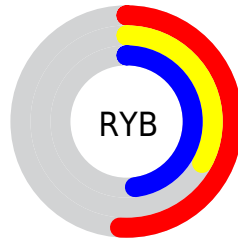
The Hex color **83537B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **53835B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B985B0**, and **50244A** is the 20% darker color. If you saturate the color by 10%, you get **834679**, and if you desaturate by 10%, it is **83607D**.

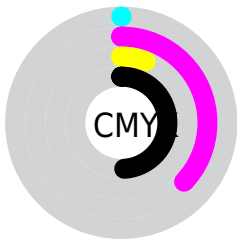
# Distribution



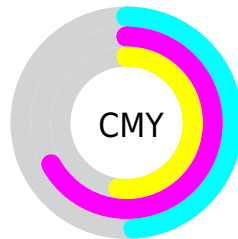
- Red (51%)
- Green (33%)
- Blue (48%)



- Red (51%)
- Yellow (33%)
- Blue (48%)



- Cyan (0%)
- Magenta (37%)
- Yellow (6%)
- Black (49%)



- Cyan (49%)
- Magenta (67%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83537B 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 83537B by changing the saturation by 10% instead.



 83537B

 83537B

FFFFFF

 693B62

 B985B0

 50244A

 D5A0CB

 380D33

 F1BBE7

 24001F

 FFD7FF

 000001

 FFF4FF

 000000

 83537B

 83537B

 834679

 83607D

 833977

 836D7F

832C74

837A82

831F72

838784

831270

839486

83046E

83A288

83006D

83AF8A

83BC8C

83C98F

# Harmonies

## Analogous

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



675C8D



83537B



914F63

# Triad

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



83537B



716230



006F7C

# Complementary

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



83537B



53835B

# 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.



007063



83537B



576937

# Square

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



83537B



855938



386E4A



006C8E

# Rectangle

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



83537B



925052



386E4A



007074



# Sweetspot

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



83537B



AB98A8



5B5383



574B55



D6D6D6



575757



# Same Dimension

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



83537B



AB609E



835363



423C41



82006C



030002



# Inverse Universe

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



83537B



AB609E



538373



423C41



82006C

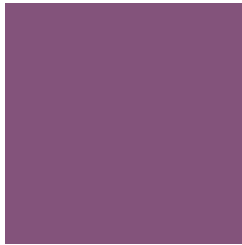


030002



# Previews

## White Background



This preview shows how the Hex color 83537B looks on a white background.

## Color Contrast Check

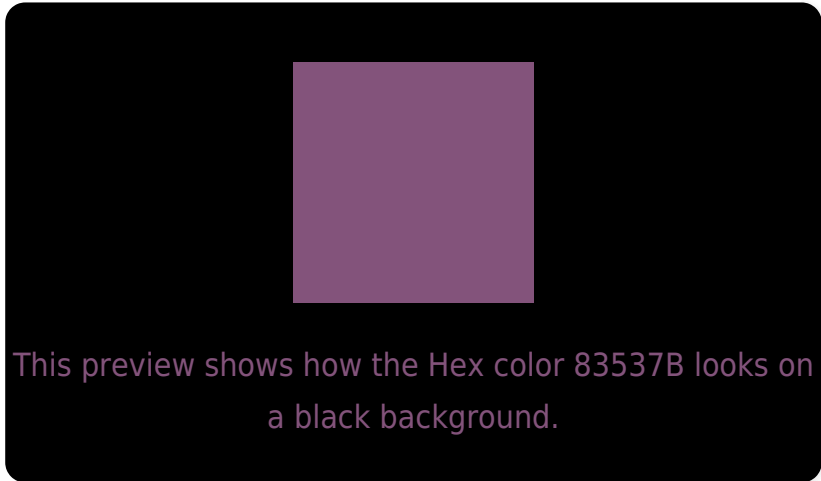
Large Text (above 18pt) WCAG AA ✓ Pass

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

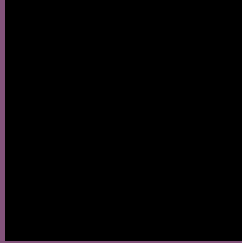
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 83537B Background



This preview shows how black text looks on a background with the Hex color 83537B.




This preview shows how white text looks on a background with the Hex color 83537B.

# 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**  
80595F

# Trichromacy



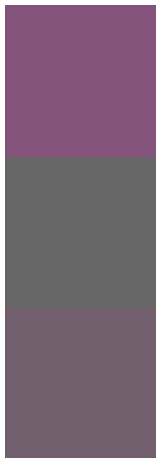
**Original Color**  
83537B

**Protanomaly**  
685D82

**Deuteranomaly**  
6E5C79

**Tritanomaly**  
815769

# Monochromacy



**Original Color**  
83537B

**Achromatopsia**  
666666

**Achromatomaly**  
715F6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83537B 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 #83537B looks like.

```
.text, #text, p{  
    color:#83537B  
}
```

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 #83537B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83537B  
}
```

## Border

The CSS property to change the border of an element to Hex 83537B is called "border". The border property can be set on classes, ids or directly on the HTML element.

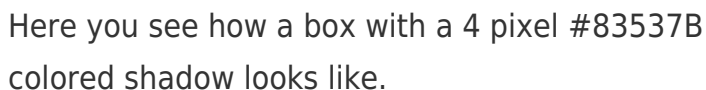
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#83537B }
```

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

```
.border{ border-color:#83537B }
```

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



Here you see how a box with a 4 pixel #83537B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83537B; -webkit-box-shadow:4px 4px  
4px 4px #83537B; box-shadow:4px 4px 4px  
4px #83537B }
```

# Background

The CSS property to change the background color of an element to Hex 83537B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83537B }
```

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

```
.background{ background-color:#83537B }
```

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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