

# Converting Colors

Hex(81637A)

Have a look what the booklet for  
Hex(81637A) contains.

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# Color

**Hex(81637A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81637A
RGB	129, 99, 122
RGB Percent	51%, 39%, 48%
CMY	0.4941, 0.6118, 0.5216
CMYK	0.00, 0.23, 0.05, 0.49
HSL	314°, 13%, 45%
HSV	314°, 23%, 51%
XYZ	17.0280, 14.9959, 20.4094
YIQ	110.5920, 10.4970, 13.5130

# Conversions

## Conversions Part 2

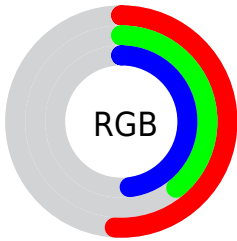
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 99, 122
Decimal	8479610
CIE <sub>Lab</sub>	45.63, 16.23, -8.20
CIE <sub>LCh</sub>	46, 18.182, 333.180
Yxy	14.9959, 0.3248, 0.2860
Android (android.graphics.Color)	4286669690 (0xFF81637A)
YUV	110.5920, 5.6241, 16.1438
Hunter-Lab	38.7246, 10.7218, -4.1409

# Details

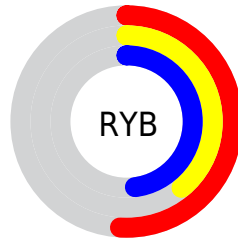
The Hex color **81637A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63816A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B696AE**, and **4F3449** is the 20% darker color. If you saturate the color by 10%, you get **815677**, and if you desaturate by 10%, it is **81707D**.

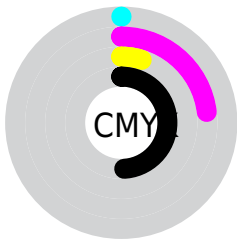
# Distribution



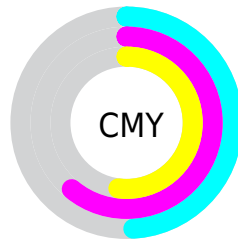
- Red (51%)
- Green (39%)
- Blue (48%)



- Red (51%)
- Yellow (39%)
- Blue (48%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81637A 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 81637A by changing the saturation by 10% instead.



81637A

81637A

FFFFFF

684B61

B696AE

4F3449

D2B1CA

381E33

EECCE6

22081E

FFE8FF

000002

000000

81637A

81637A

815677

81707D

814974

817D80

813C71

818A83

812F6E

819786

81236B

81A389

811668

81B08C

810965

81BD8F

810063

81CA92

81D795

# Harmonies

## Analogous

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



716885



81637A



8A616B

# Triad

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



81637A



766C4E



3F747C

# Complementary

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



81637A



63816A

# 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.



45756D



81637A



657052

# Square

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



81637A



836651



54735E



487187

# Rectangle

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



81637A



8B6261



54735E



407477



# Sweetspot

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



81637A



A89DA6



6A6381



544D53



D4D4D4



545454



# Same Dimension

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



81637A



A8799D



81636B



40393E



800062



000000



# Inverse Universe

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



81637A



A8799D



638179



40393E



800062

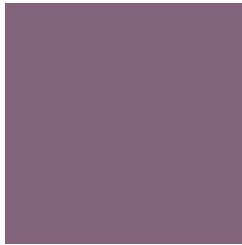


000000



# Previews

## White Background



This preview shows how the Hex color 81637A looks on a white background.

## Color Contrast Check

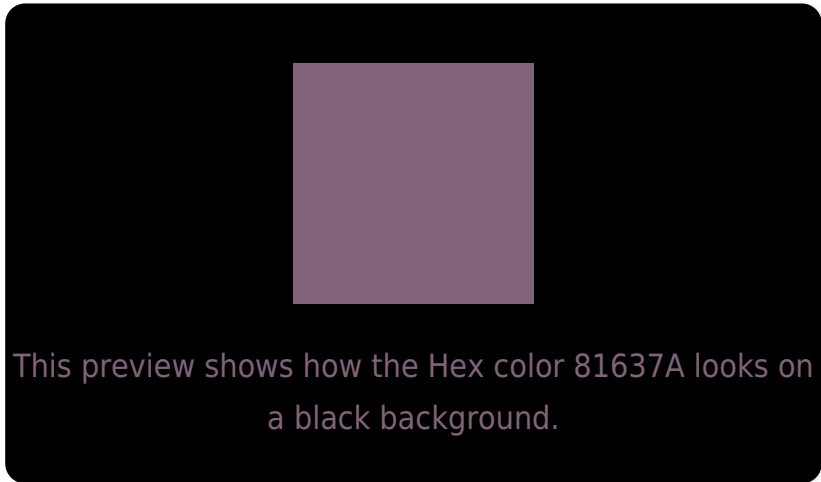
Large Text (above 18pt) WCAG AA ✓ Pass

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

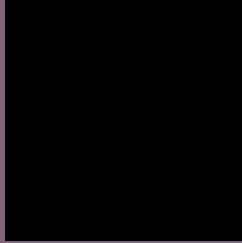
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 81637A Background



This preview shows how black text looks on a background with the Hex color 81637A.



This preview shows how white text looks on a background with the Hex color 81637A.

# 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



**Original Color**  
81637A

**Protanopia**  
686B7F

**Deuteranopia**  
716979



**Tritanopia**  
7F656D

# Trichromacy



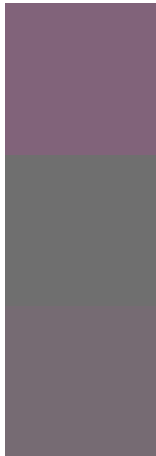
**Original Color**  
81637A

**Protanomaly**  
71687D

**Deuteranomaly**  
776779

**Tritanomaly**  
806472

# Monochromacy



**Original Color**  
81637A

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
766B73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81637A 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 #81637A looks like.

```
.text, #text, p{  
    color:#81637A  
}
```

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 #81637A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81637A
}
```

## Border

The CSS property to change the border of an element to Hex 81637A is called "border". The border property can be set on classes, ids or directly on the HTML element.

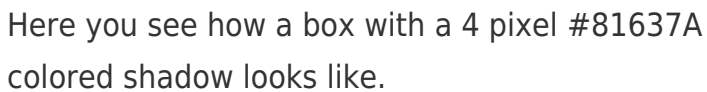
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81637A }
```

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

```
.border{ border-color:#81637A }
```

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



Here you see how a box with a 4 pixel #81637A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81637A; -webkit-box-shadow:4px 4px  
4px 4px #81637A; box-shadow:4px 4px 4px  
4px #81637A }
```

# Background

The CSS property to change the background color of an element to Hex 81637A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81637A }
```

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

```
.background{ background-color:#81637A }
```

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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