

Converting Colors

Hex(81637C)

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

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Color

Hex(81637C)

Conversions

Conversions Part 1

Format	Color
Hex	81637C
RGB	129, 99, 124
RGB Percent	51%, 39%, 49%
CMY	0.4941, 0.6118, 0.5137
CMYK	0.00, 0.23, 0.04, 0.49
HSL	310°, 13%, 45%
HSV	310°, 23%, 51%
XYZ	17.1532, 15.0460, 21.0689
YIQ	110.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

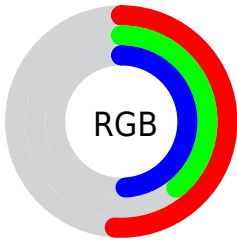
Format	Color
R_{YB}	129, 99, 124
Decimal	8479612
CIE _{Lab}	45.70, 16.62, -9.31
CIE _{LCh}	46, 19.048, 330.757
Yxy	15.0460, 0.3220, 0.2825
Android (android.graphics.Color)	4286669692 (0xFF81637C)
YUV	110.8200, 6.4977, 15.9439
Hunter-Lab	38.7892, 11.0543, -5.0517

Details

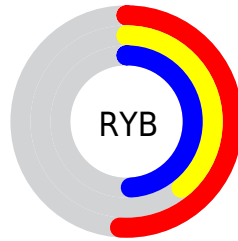
The Hex color **81637C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **638168**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B696B1**, and **4F344B** is the 20% darker color. If you saturate the color by 10%, you get **81567A**, and if you desaturate by 10%, it is **81707E**.

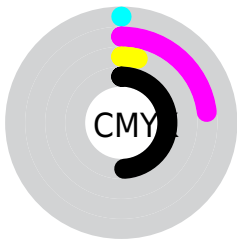
Distribution



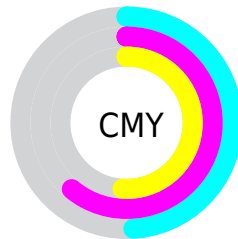
- Red (51%)
- Green (39%)
- Blue (49%)



- Red (51%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (4%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

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

81637C

81637C

FFFFFF

684B63

B696B1

4F344B

D2B1CC

381E35

EECCE8

22081F

FFE8FF

000005

000000

81637C

81637C

81567A

81707E

814978

817D80

813C76

818A82

812F73

819785

812371

81A387

81166F

81B089

81096D

81BD8B

81006B

81CA8D

81D78F

Harmonies

Analogous

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



6F6887



81637C



8B616C

Triad

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



81637C



776B4C



3C757C

Complementary

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



81637C



638168

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.



44756C



81637C



667051

Square

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



81637C



856651



54745C



457287

Rectangle

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



81637C



8D6162



54745C



3D7577

Sweetspot

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



81637C



A89DA6



686381



544D53



D4D4D4



545454

Same Dimension

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



81637C



A879A0



81636D



40393F



80006A



000000

Inverse Universe

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



81637C



A879A0



638177



40393F



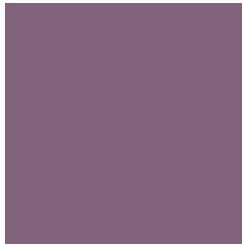
80006A



000000

Previews

White Background



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

Color Contrast Check

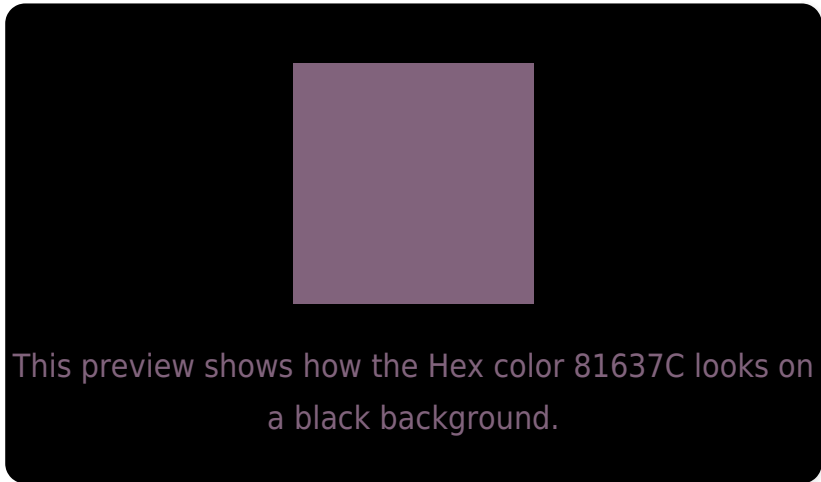
Large Text (above 18pt) WCAG AA ✓ Pass

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

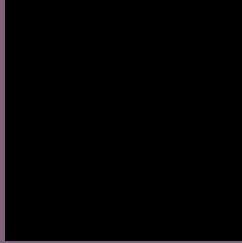
Any Text WCAG AA × Fail

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 81637C Background



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



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

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
81637C

Protanopia
686B82

Deuteranopia
706A7B



Tritanopia
7F666D

Trichromacy



Original Color
81637C

Protanomaly
716880

Deuteranomaly
76677B

Tritanomaly
806572

Monochromacy



Original Color
81637C

Achromatopsia
6F6F6F

Achromatomaly
766B74

CSS Examples

Text

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

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

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 #81637C colored shadow looks like.

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

Border

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

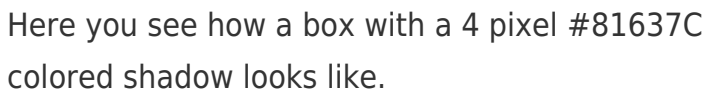
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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