

Converting Colors

Hex(86647D)

Have a look what the booklet for
Hex(86647D) contains.

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Color

Hex(86647D)

Conversions

Conversions Part 1

Format	Color
Hex	86647D
RGB	134, 100, 125
RGB Percent	53%, 39%, 49%
CMY	0.4745, 0.6078, 0.5098
CMYK	0.00, 0.25, 0.07, 0.47
HSL	316°, 15%, 46%
HSV	316°, 25%, 53%
XYZ	18.0904, 15.6633, 21.4719
YIQ	113.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

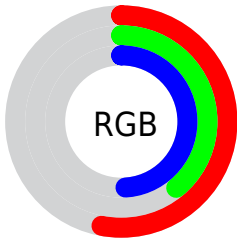
Format	Color
R_{YB}	134, 100, 125
Decimal	8807549
CIE Lab	46.53, 18.09, -8.60
CIE LCh	47, 20.029, 334.563
Yxy	15.6633, 0.3276, 0.2836
Android (android.graphics.Color)	4286997629 (0xFF86647D)
YUV	113.0160, 5.9081, 18.4030
Hunter-Lab	39.5769, 12.3315, -4.4631

Details

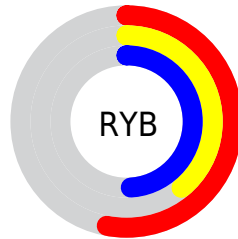
The Hex color **86647D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **64866D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BC97B2**, and **54354C** is the 20% darker color. If you saturate the color by 10%, you get **865779**, and if you desaturate by 10%, it is **867181**.

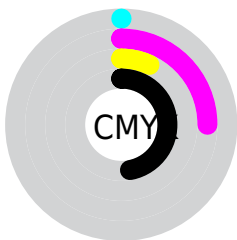
Distribution



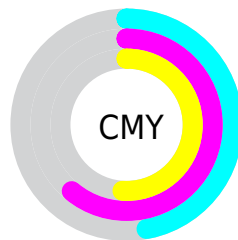
- Red (53%)
- Green (39%)
- Blue (49%)



- Red (53%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (7%)
- Black (47%)



- Cyan (47%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86647D 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 86647D by changing the saturation by 10% instead.



86647D



86647D

FFFFFF



6C4C64



BC97B2



54354C



D7B2CD



3C1F35



F4CEE9



260A20



FFEAFF



050007



000000



86647D



86647D



865779



867181



864976



867F84


 863C72

 868C88

 862E6F

 869A8B

 86216B

 86A78F

 861468

 86B492

 860664

 86C296

 860063

 86CF99

 86DD9D

Harmonies

Analogous

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



74698A



86647D



8F626C

Triad

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



86647D



786E4D



3B7781

Complementary

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



86647D



64866D

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.



417870



86647D



667352

Square

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



86647D



876850



52765F



46748C

Rectangle

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



86647D



906361



52765F



3B777C

Sweetspot

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



86647D



ADA0AA



6D6486



574E54



D6D6D6



575757

Same Dimension

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



86647D



AD79A0



86646D



423C41



820060



030002

Inverse Universe

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



86647D



AD79A0



64867E



423C41



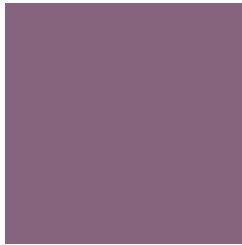
820060



030002

Previews

White Background



This preview shows how the Hex color 86647D looks on a white background.

Color Contrast Check

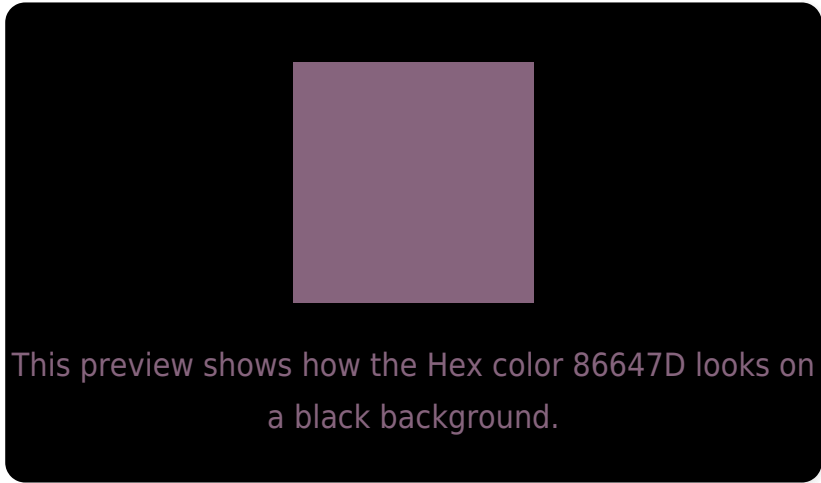
Large Text (above 18pt) WCAG AA ✓ Pass

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

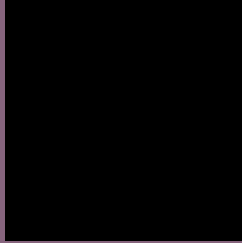
Any Text WCAG AA × Fail

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 86647D Background



This preview shows how black text looks on a background with the Hex color 86647D.



This preview shows how white text looks on a background with the Hex color 86647D.

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
86647D

Protanopia
6A6E83

Deuteranopia
736C7C



Tritanopia
84676F

Trichromacy



Original Color
86647D

Protanomaly
746A81

Deuteranomaly
7A697C

Tritanomaly
856674

Monochromacy



Original Color
86647D

Achromatopsia
717171

Achromatomaly
796C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 86647D 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 #86647D looks like.

```
.text, #text, p{  
    color:#86647D  
}
```

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 #86647D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86647D
}
```

Border

The CSS property to change the border of an element to Hex 86647D is called "border". The border property can be set on classes, ids or directly on the HTML element.

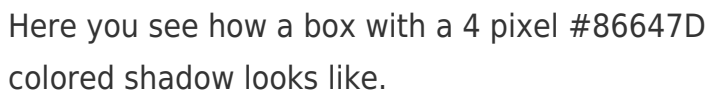
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86647D }
```

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

```
.border{ border-color:#86647D }
```

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



Here you see how a box with a 4 pixel #86647D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86647D; -webkit-box-shadow:4px 4px  
4px 4px #86647D; box-shadow:4px 4px 4px  
4px #86647D }
```

Background

The CSS property to change the background color of an element to Hex 86647D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86647D }
```

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

```
.background{ background-color:#86647D }
```

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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