

Converting Colors

Hex(876C97)

Have a look what the booklet for
Hex(876C97) contains.

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Color

Hex(876C97)

Conversions

Conversions Part 1

Format	Color
Hex	876C97
RGB	135, 108, 151
RGB Percent	53%, 42%, 59%
CMY	0.4706, 0.5765, 0.4078
CMYK	0.11, 0.28, 0.00, 0.41
HSL	278°, 17%, 51%
HSV	278°, 28%, 59%
XYZ	20.9401, 18.1104, 31.6701
YIQ	120.9750, 2.2890, 19.0970

Conversions

Conversions Part 2

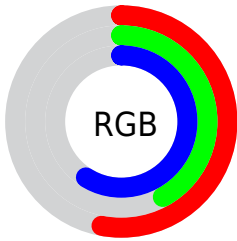
Format	Color
R_{YB}	135, 108, 151
Decimal	8875159
CIE _{Lab}	49.63, 19.10, -19.36
CIE _{LCh}	50, 27.193, 314.610
Yxy	18.1104, 0.2961, 0.2561
Android (android.graphics.Color)	4287065239 (0xFF876C97)
YUV	120.9750, 14.8023, 12.2999
Hunter-Lab	42.5563, 13.3588, -14.3339

Details

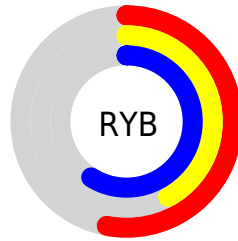
The Hex color **876C97** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7C976C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BDA0CD**, and **553C64** is the 20% darker color. If you saturate the color by 10%, you get **815D97**, and if you desaturate by 10%, it is **8D7B97**.

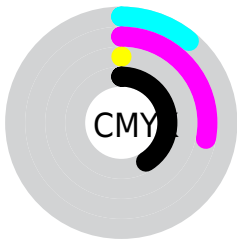
Distribution



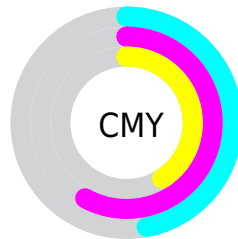
- Red (53%)
- Green (42%)
- Blue (59%)



- Red (53%)
- Yellow (42%)
- Blue (59%)



- Cyan (11%)
- Magenta (28%)
- Yellow (0%)
- Black (41%)



- Cyan (47%)
- Magenta (58%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876C97 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 876C97 by changing the saturation by 10% instead.

876C97

876C97

FFFFFF

6D547D

BDA0CD

553C64

D9BBEA

3D264C

F5D6FF

261135

FFF3FF

140020

000004

000000

876C97

876C97

815D97

8D7B97

7C4E97

928A97

763F97

989997

713097

9DA897

6B2197

A3B897

651197

A9C797

600297

AED697

5F0097

B4E597

BAF497

Harmonies

Analogous

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



6774A2



876C97



9C6683

Triad

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



876C97



90704A



278281

Complementary

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



876C97



7C976C

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.



448269



876C97



7A7849

Square

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



876C97



9F6957



607E54



218196

Rectangle

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



876C97



A26473



607E54



308379

Sweetspot

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



876C97



BEB3C4



6C7C97



5F5963



E3E3E3



636363

Same Dimension

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



876C97



AC82C4



976C92



4A454D



58008C



08000D

Inverse Universe

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



976C7C



C4829A



6C9771



4D4548



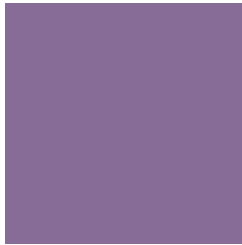
8C0034



0D0005

Previews

White Background



This preview shows how the Hex color 876C97 looks on a white background.

Color Contrast Check

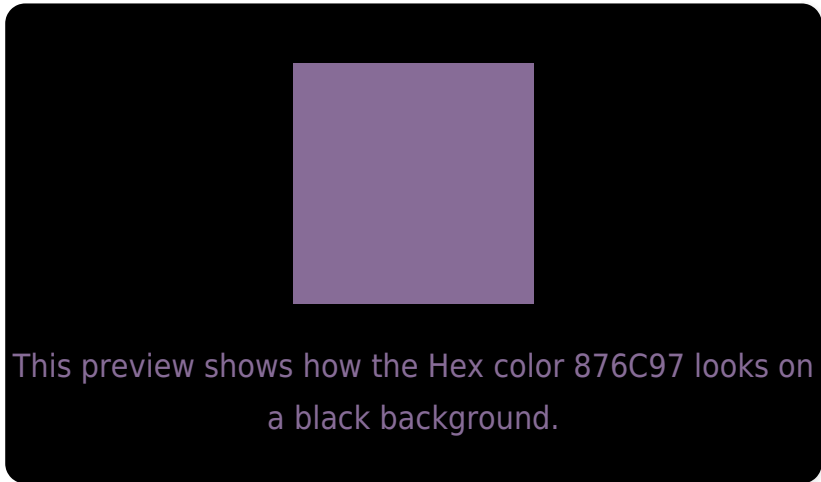
Large Text (above 18pt) WCAG AA ✓ Pass

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

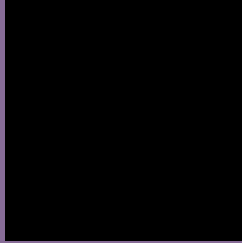
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 876C97 Background



This preview shows how black text looks on a background with the Hex color 876C97.



This preview shows how white text looks on a background with the Hex color 876C97.

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
83717A

Trichromacy



Original Color
876C97

Protanomaly
75729B

Deuteranomaly
797196

Tritanomaly
846F85

Monochromacy



Original Color
876C97

Achromatopsia
797979

Achromatomaly
7E7484

CSS Examples

Text

The CSS property to change the color of the text to Hex 876C97 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 #876C97 looks like.

```
.text, #text, p{  
    color:#876C97  
}
```

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 #876C97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876C97
}
```

Border

The CSS property to change the border of an element to Hex 876C97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

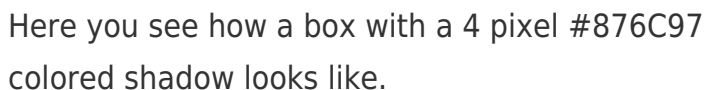
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#876C97 }
```

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

```
.border{ border-color:#876C97 }
```

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



Here you see how a box with a 4 pixel #876C97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876C97; -webkit-box-shadow:4px 4px  
4px 4px #876C97; box-shadow:4px 4px 4px  
4px #876C97 }
```

Background

The CSS property to change the background color of an element to Hex 876C97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876C97 }
```

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

```
.background{ background-color:#876C97 }
```

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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