

Converting Colors

Hex(876E87)

Have a look what the booklet for
Hex(876E87) contains.

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Color

Hex(876E87)

Conversions

Conversions Part 1

Format	Color
Hex	876E87
RGB	135, 110, 135
RGB Percent	53%, 43%, 53%
CMY	0.4706, 0.5686, 0.4706
CMYK	0.00, 0.19, 0.00, 0.47
HSL	300°, 10%, 48%
HSV	300°, 19%, 53%
XYZ	19.9408, 18.0520, 25.3551
YIQ	120.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

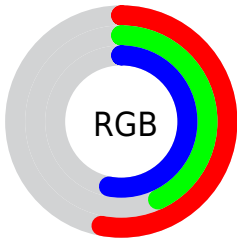
Format	Color
R_{YB}	135, 110, 135
Decimal	8875655
CIE _{Lab}	49.56, 14.52, -10.01
CIE _{LCh}	50, 17.636, 325.410
Yxy	18.0520, 0.3148, 0.2850
Android (android.graphics.Color)	4287065735 (0xFF876E87)
YUV	120.3250, 7.2348, 12.8700
Hunter-Lab	42.4877, 9.4221, -5.6407

Details

The Hex color **876E87** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6E876E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **BCA2BC**, and **553E55** is the 20% darker color. If you saturate the color by 10%, you get **876187**, and if you desaturate by 10%, it is **877C87**.

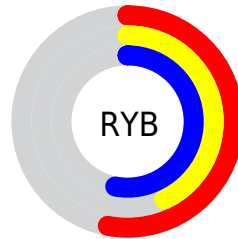
Distribution



Red (53%)

Green (43%)

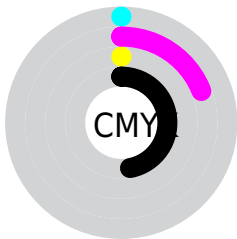
Blue (53%)



Red (53%)

Yellow (43%)

Blue (53%)

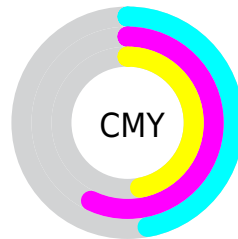


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (47%)



Cyan (47%)

Magenta (57%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876E87 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 876E87 by changing the saturation by 10% instead.



876E87



876E87

FFFFFF



6E566E



BCA2BC



553E55



D8BDD8



3E283E



F5D9F4



271328



FFF5FF



140014



000000



876E87



876E87



876187



877C87



875387



878987

■ 874687

■ 879787

■ 873887

■ 87A487

■ 872B87

■ 87B287

■ 871D87

■ 87BF87

■ 871087

■ 87CD87

■ 870287

■ 87DA87

■ 870087

■ 87E887

Harmonies

Analogous

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



757391



876E87



926B79

Triad

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



876E87



837458



4B7E82

Complementary

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



876E87



6E876E

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.



537E73



876E87



73795B

Square

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



876E87



8F6F5E



627C64



507C8E

Rectangle

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



876E87



956B6F



627C64



4D7E7D

Sweetspot

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



876E87



B0A5B0



6E6E87



595359



D9D9D9



595959

Same Dimension

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



876E87



B089B0



876E7B



423C42



820082



030003

Inverse Universe

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



876E87



B089B0



6E877B



423C42



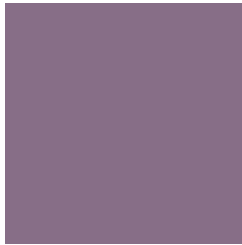
820082



030003

Previews

White Background



This preview shows how the Hex color 876E87 looks on a white background.

Color Contrast Check

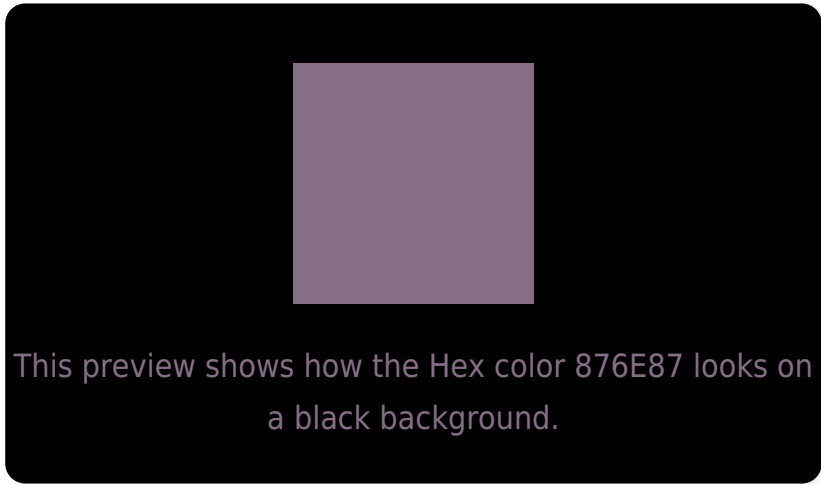
Large Text (above 18pt) WCAG AA ✓ Pass

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

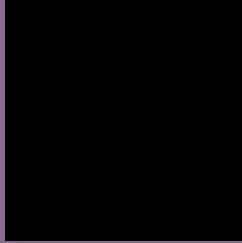
Any Text WCAG AA ✓ Pass

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 876E87 Background



This preview shows how black text looks on a background with the Hex color 876E87.



This preview shows how white text looks on a background with the Hex color 876E87.

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
857079

Trichromacy



Original Color
876E87

Protanomaly
79728A

Deuteranomaly
7F7186

Tritanomaly
866F7E

Monochromacy



Original Color
876E87

Achromatopsia
787878

Achromatomaly
7D747D

CSS Examples

Text

The CSS property to change the color of the text to Hex 876E87 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 #876E87 looks like.

```
.text, #text, p{  
    color:#876E87  
}
```

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 #876E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876E87
}
```

Border

The CSS property to change the border of an element to Hex 876E87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

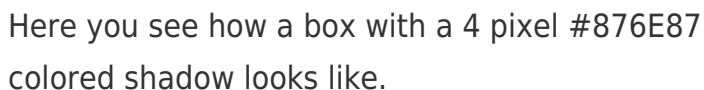
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#876E87 }
```

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

```
.border{ border-color:#876E87 }
```

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



Here you see how a box with a 4 pixel #876E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876E87; -webkit-box-shadow:4px 4px  
4px 4px #876E87; box-shadow:4px 4px 4px  
4px #876E87 }
```

Background

The CSS property to change the background color of an element to Hex 876E87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876E87 }
```

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

```
.background{ background-color:#876E87 }
```

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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