

Converting Colors

Hex(846987)

Have a look what the booklet for
Hex(846987) contains.

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Color

Hex(846987)

Conversions

Conversions Part 1

Format	Color
Hex	846987
RGB	132, 105, 135
RGB Percent	52%, 41%, 53%
CMY	0.4824, 0.5882, 0.4706
CMYK	0.02, 0.22, 0.00, 0.47
HSL	294°, 13%, 47%
HSV	294°, 22%, 53%
XYZ	18.9405, 16.7580, 25.1580
YIQ	116.4930, 6.4620, 15.0540

Conversions

Conversions Part 2

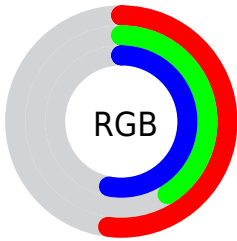
Format	Color
R_{YB}	132, 105, 135
Decimal	8677767
CIE _{Lab}	47.95, 16.39, -12.46
CIE _{LCh}	48, 20.586, 322.748
Yxy	16.7580, 0.3112, 0.2754
Android (android.graphics.Color)	4286867847 (0xFF846987)
YUV	116.4930, 9.1240, 13.5996
Hunter-Lab	40.9365, 10.9494, -7.7818

Details

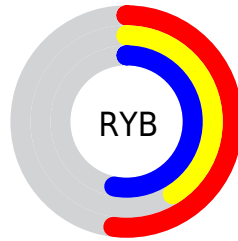
The Hex color **846987** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6C8769**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B99CBC**, and **523A55** is the 20% darker color. If you saturate the color by 10%, you get **835B87**, and if you desaturate by 10%, it is **857787**.

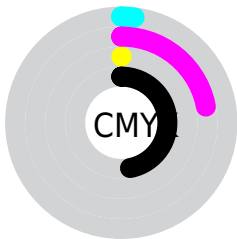
Distribution



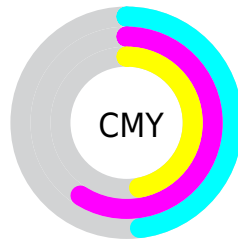
- Red (52%)
- Green (41%)
- Blue (53%)



- Red (52%)
- Yellow (41%)
- Blue (53%)



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 846987 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 846987 by changing the saturation by 10% instead.



846987



846987

FFFFFF



6B516E



B99CBC



523A55



D5B7D8



3B243E



F2D3F5



250F28



FFEFFF



090013



000000



846987



846987



835B87



857787



814E87



878487

804187

889287

7F3387

899F87

7D2587

8BAC87

7C1887

8CBA87

7B0A87

8DC787

7A0087

8FD587

90E387

Harmonies

Analogous

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



6F6F92



846987



916577

Triad

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



846987



826F50



3D7B7F

Complementary

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



846987



6C8769

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.



497B6D



846987



707552

Square

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



846987



8F6A57



5D795C



42798D

Rectangle

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



846987



95656B



5D795C



407C79

Sweetspot

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



846987



AFA4B0



696C87



595259



D9D9D9



595959

Same Dimension

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



846987



AB80B0



87697B



423C42



750082



020003

Inverse Universe

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



87696C



B08085



698775



423C3C



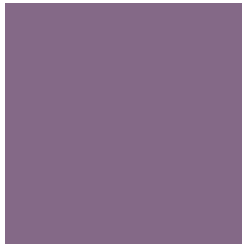
82000D



030000

Previews

White Background



This preview shows how the Hex color 846987 looks on a white background.

Color Contrast Check

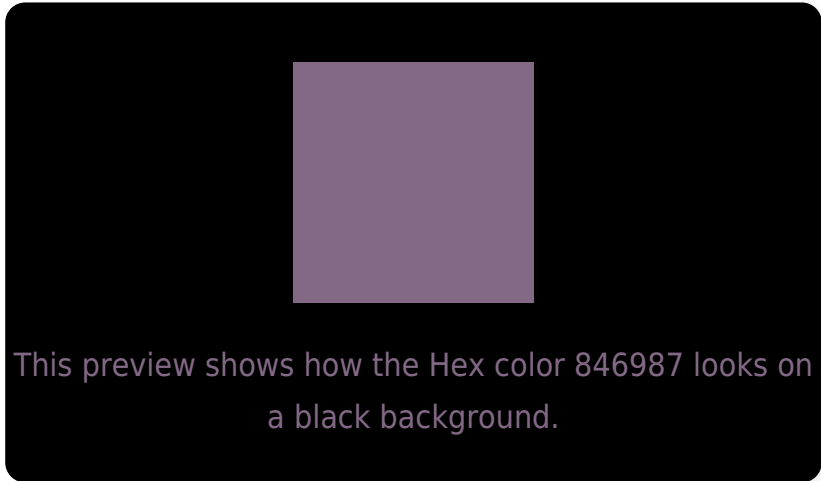
Large Text (above 18pt) WCAG AA ✓ Pass

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

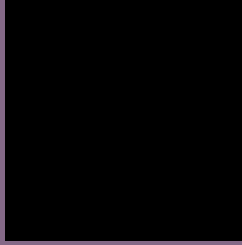
Any Text WCAG AA × Fail

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 846987 Background



This preview shows how black text looks on a background with the Hex color 846987.



This preview shows how white text looks on a background with the Hex color 846987.

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
846987

Protanopia
6C718C

Deuteranopia
736F86



Tritanopia
816C75

Trichromacy



Original Color
846987

Protanomaly
756E8A

Deuteranomaly
796D86

Tritanomaly
826B7C

Monochromacy



Original Color
846987

Achromatopsia
747474

Achromatomaly
7A707B

CSS Examples

Text

The CSS property to change the color of the text to Hex 846987 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 #846987 looks like.

```
.text, #text, p{  
    color:#846987  
}
```

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 #846987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846987
}
```

Border

The CSS property to change the border of an element to Hex 846987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

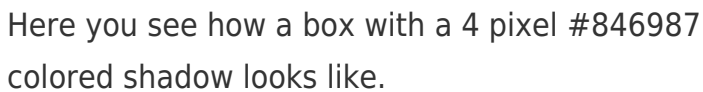
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846987 }
```

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

```
.border{ border-color:#846987 }
```

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



Here you see how a box with a 4 pixel #846987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846987; -webkit-box-shadow:4px 4px  
4px 4px #846987; box-shadow:4px 4px 4px  
4px #846987 }
```

Background

The CSS property to change the background color of an element to Hex 846987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846987 }
```

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

```
.background{ background-color:#846987 }
```

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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