

Converting Colors

Hex(806987)

Have a look what the booklet for
Hex(806987) contains.

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Color

Hex(806987)

Conversions

Conversions Part 1

Format	Color
Hex	806987
RGB	128, 105, 135
RGB Percent	50%, 41%, 53%
CMY	0.4980, 0.5882, 0.4706
CMYK	0.05, 0.22, 0.00, 0.47
HSL	286°, 13%, 47%
HSV	286°, 22%, 53%
XYZ	18.3268, 16.4416, 25.1293
YIQ	115.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

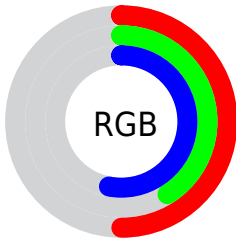
Format	Color
R_{YB}	128, 105, 135
Decimal	8415623
CIE _{Lab}	47.55, 14.94, -13.11
CIE _{LCh}	48, 19.880, 318.733
Yxy	16.4416, 0.3060, 0.2745
Android (android.graphics.Color)	4286605703 (0xFF806987)
YUV	115.2970, 9.7136, 11.1405
Hunter-Lab	40.5483, 9.7182, -8.3605

Details

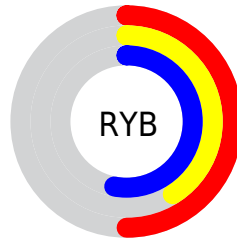
The Hex color **806987** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **708769**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B59CBC**, and **4E3A55** is the 20% darker color. If you saturate the color by 10%, you get **7D5B87**, and if you desaturate by 10%, it is **837787**.

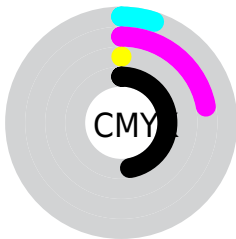
Distribution



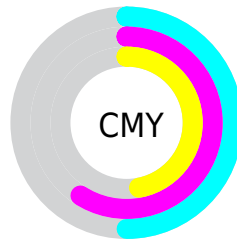
- Red (50%)
- Green (41%)
- Blue (53%)



- Red (50%)
- Yellow (41%)
- Blue (53%)



- Cyan (5%)
- Magenta (22%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 806987 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 806987 by changing the saturation by 10% instead.

806987

806987

FFFFFF

67516E

B59CBC

4E3A55

D1B7D8

37243E

EDD3F5

210F28

FFEFFF

010013

000000

806987

806987

7D5B87

837787

7A4E87

868487

774187

899287

733387

8D9F87

702587

90AC87

6D1887

93BA87

6A0A87

96C787

680087

99D587

9CE387

Harmonies

Analogous

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



6B6F90



806987



8E6578

Triad

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



806987



836E50



3F7A7B

Complementary

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



806987



708769

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.



4C7A6A



806987



727351

Square

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



806987



8E6858



5F775A



417889

Rectangle

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



806987



92656C



5F775A



437A75

Sweetspot

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



806987



ADA4B0



697087



585259



D9D9D9



595959

Same Dimension

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



806987



A580B0



87697F



413C42



640082



020003

Inverse Universe

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



876970



B0808C



698771



423C3D



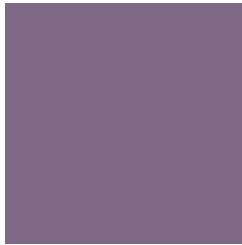
82001E



030001

Previews

White Background



This preview shows how the Hex color 806987 looks on a white background.

Color Contrast Check

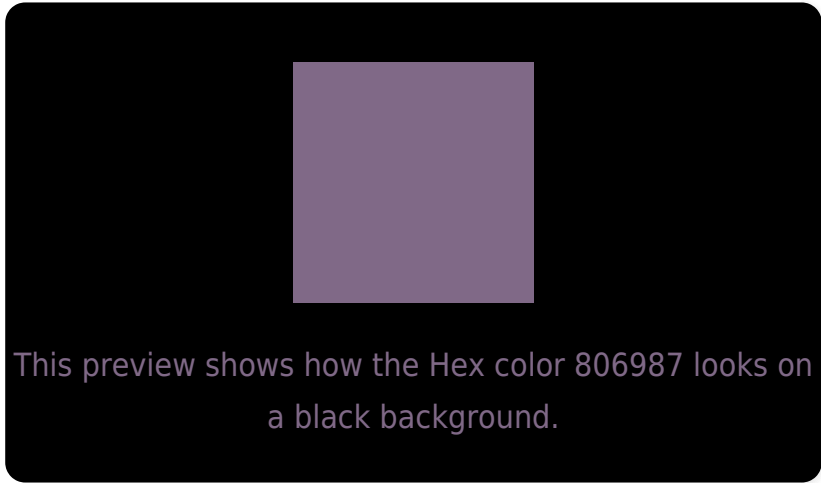
Large Text (above 18pt) WCAG AA ✓ Pass

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

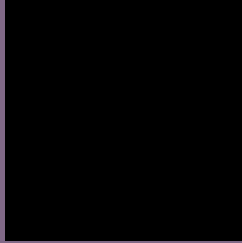
Any Text WCAG AA × Fail

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 806987 Background



This preview shows how black text looks on a background with the Hex color 806987.



This preview shows how white text looks on a background with the Hex color 806987.

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
806987

Protanopia
6A708C

Deuteranopia
726E86



Tritanopia
7D6C75

Trichromacy



Original Color
806987

Protanomaly
726D8A

Deuteranomaly
776C86

Tritanomaly
7E6B7C

Monochromacy



Original Color
806987

Achromatopsia
737373

Achromatomaly
786F7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 806987 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 #806987 looks like.

```
.text, #text, p{  
  color:#806987  
}
```

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 #806987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806987
}
```

Border

The CSS property to change the border of an element to Hex 806987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

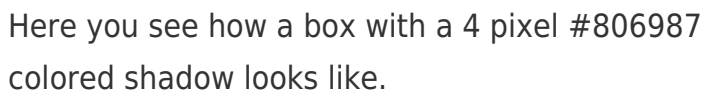
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806987 }
```

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

```
.border{ border-color:#806987 }
```

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



Here you see how a box with a 4 pixel #806987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806987; -webkit-box-shadow:4px 4px  
4px 4px #806987; box-shadow:4px 4px 4px  
4px #806987 }
```

Background

The CSS property to change the background color of an element to Hex 806987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806987 }
```

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

```
.background{ background-color:#806987 }
```

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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