

Converting Colors

Hex(806F98)

Have a look what the booklet for
Hex(806F98) contains.

Hex(806F98)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(806F98)

Conversions

Conversions Part 1

Format	Color
Hex	806F98
RGB	128, 111, 152
RGB Percent	50%, 44%, 60%
CMY	0.4980, 0.5647, 0.4039
CMYK	0.16, 0.27, 0.00, 0.40
HSL	265°, 17%, 52%
HSV	265°, 27%, 60%
XYZ	20.2540, 18.2251, 32.1561
YIQ	120.7570, -3.0290, 16.3550

Conversions

Conversions Part 2

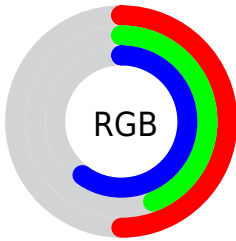
Format	Color
R_{YB}	128, 111, 152
Decimal	8417176
CIE _{Lab}	49.77, 15.17, -19.79
CIE _{LCh}	50, 24.937, 307.459
Yxy	18.2251, 0.2867, 0.2580
Android (android.graphics.Color)	4286607256 (0xFF806F98)
YUV	120.7570, 15.4028, 6.3521
Hunter-Lab	42.6908, 9.9777, -14.7755

Details

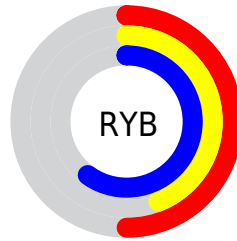
The Hex color **806F98** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **87986F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B5A3CE**, and **4E3F65** is the 20% darker color. If you saturate the color by 10%, you get **776098**, and if you desaturate by 10%, it is **897E98**.

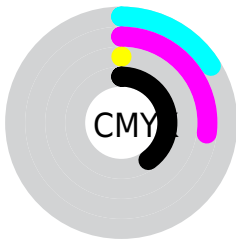
Distribution



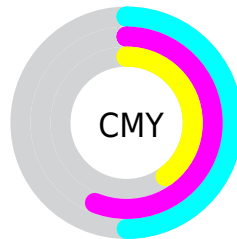
- Red (50%)
- Green (44%)
- Blue (60%)



- Red (50%)
- Yellow (44%)
- Blue (60%)



- Cyan (16%)
- Magenta (27%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 806F98 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 806F98 by changing the saturation by 10% instead.

■ 806F98

■ 806F98

FFFFFF

■ 67577E

■ B5A3CE

■ 4E3F65

■ D1BEEB

■ 37294D

■ EDDAFF

■ 201436

■ FFF6FF

■ 0D0021

■ 000005

■ 000000

■ 806F98

■ 806F98

■ 776098

■ 897E98

6E5198

928D98

654198

9B9D98

5C3298

A4AC98

542398

ACBB98

4B1498

B5CA98

420598

BED998

3F0098

C7E998

D0F898

Harmonies

Analogous

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



6277A0



806F98



966987

Triad

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



806F98



937050



38827B

Complementary

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



806F98



87986F

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.



508165



806F98



80774C

Square

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



806F98



9E695E



697D54



2E818F

Rectangle

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



806F98



9E6779



697D54



3F8274

Sweetspot

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



806F98



BBB5C4



6F8898



5E5A63



E3E3E3



636363

Same Dimension

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



806F98



A086C4



946F98



48454D



3A008C



05000D

Inverse Universe

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



986F87



C486AA



73986F



4D4549



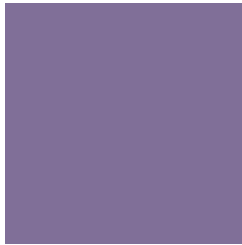
8C0052



0D0007

Previews

White Background



This preview shows how the Hex color 806F98 looks on a white background.

Color Contrast Check

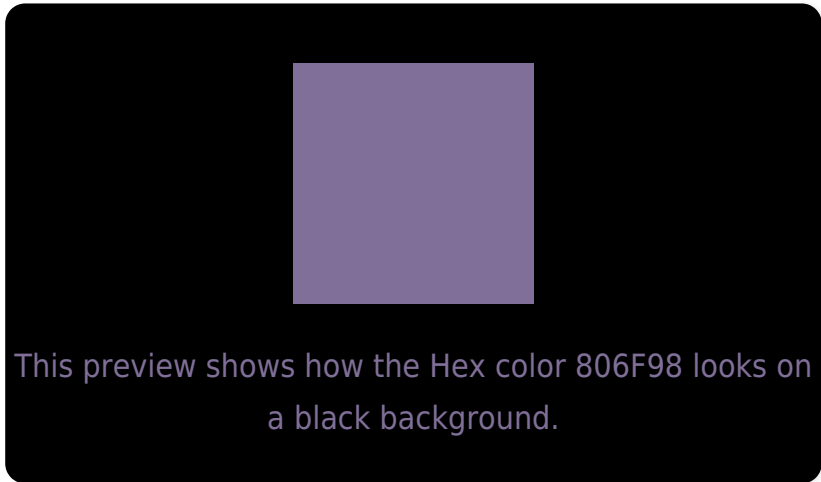
Large Text (above 18pt) WCAG AA ✓ Pass

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

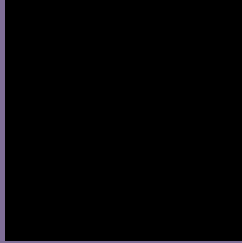
Any Text WCAG AA ✓ Pass

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 806F98 Background



This preview shows how black text looks on a background with the Hex color 806F98.

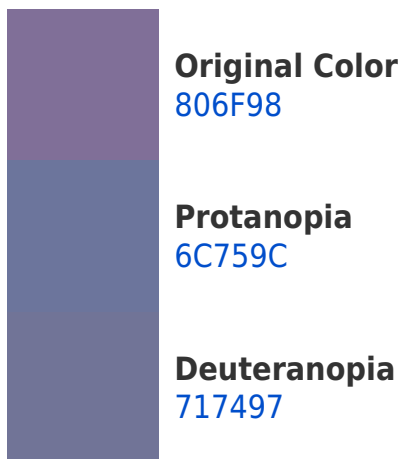


This preview shows how white text looks on a background with the Hex color 806F98.

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
7B747D

Trichromacy



Original Color
806F98

Protanomaly
73739B

Deuteranomaly
767297

Tritanomaly
7D7287

Monochromacy



Original Color
806F98

Achromatopsia
797979

Achromatomaly
7C7584

CSS Examples

Text

The CSS property to change the color of the text to Hex 806F98 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 #806F98 looks like.

```
.text, #text, p{  
    color:#806F98  
}
```

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 #806F98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806F98
}
```

Border

The CSS property to change the border of an element to Hex 806F98 is called "border". The border property can be set on classes, ids or directly on the HTML element.

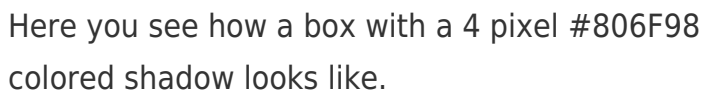
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806F98 }
```

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

```
.border{ border-color:#806F98 }
```

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



Here you see how a box with a 4 pixel #806F98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806F98; -webkit-box-shadow:4px 4px  
4px 4px #806F98; box-shadow:4px 4px 4px  
4px #806F98 }
```

Background

The CSS property to change the background color of an element to Hex 806F98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806F98 }
```

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

```
.background{ background-color:#806F98 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor