

Converting Colors

Hex(806AA8)

Have a look what the booklet for
Hex(806AA8) contains.

Hex(806AA8)	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(806AA8)

Conversions

Conversions Part 1

Format	Color
Hex	806AA8
RGB	128, 106, 168
RGB Percent	50%, 42%, 66%
CMY	0.4980, 0.5843, 0.3412
CMYK	0.24, 0.37, 0.00, 0.34
HSL	261°, 26%, 54%
HSV	261°, 37%, 66%
XYZ	21.1240, 17.7244, 39.3536
YIQ	119.6460, -6.7900, 23.9460

Conversions

Conversions Part 2

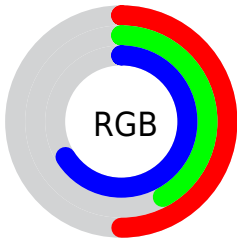
Format	Color
RYB	128, 106, 168
Decimal	8415912
CIELab	49.16, 22.00, -30.12
CIELCh	49, 37.299, 306.149
Yxy	17.7244, 0.2701, 0.2266
Android (android.graphics.Color)	4286605992 (0xFF806AA8)
YUV	119.6460, 23.8385, 7.3265
Hunter-Lab	42.1004, 15.8873, -25.9514

Details

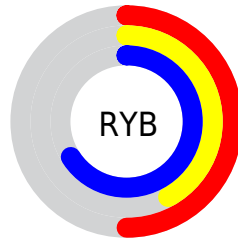
The Hex color **806AA8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **92A86A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B69EDF**, and **4D3A74** is the 20% darker color. If you saturate the color by 10%, you get **7559A8**, and if you desaturate by 10%, it is **8B7BA8**.

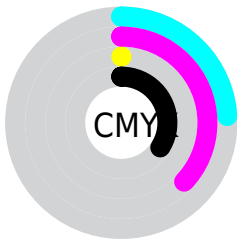
Distribution



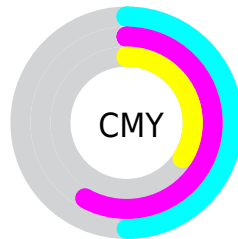
- Red (50%)
- Green (42%)
- Blue (66%)



- Red (50%)
- Yellow (42%)
- Blue (66%)



- Cyan (24%)
- Magenta (37%)
- Yellow (0%)
- Black (34%)



- Cyan (50%)
- Magenta (58%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 806AA8 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 806AA8 by changing the saturation by 10% instead.

806AA8

806AA8

FFFFFF

66528D

B69EDF

4D3A74

D2B9FC

35245B

EED4FF

1D1043

FFF1FF

08002D

000117

000000

806AA8

806AA8

7559A8

8B7BA8

6A48A8

968CA8

5F38A8

A19CA8

5527A8

ABADA8

4A16A8

B6BEA8

3F05A8

C1CFA8

3C00A8

CCE0A8

D7F0A8

E2FFA8

Harmonies

Analogous

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



4B76B4



806AA8



A15F8F

Triad

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



806AA8



9C6A3B



00857B

Complementary

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



806AA8



92A86A

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.



35835A



806AA8



827534

Square

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



806AA8



AD5F51



607E40



008499

Rectangle

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



806AA8



AD5B7A



607E40



008570

Sweetspot

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



806AA8



CCC3DB



6A92A8



645F6E



EDEDED



6E6E6E

Same Dimension

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



806AA8



9D7BDB



9F6AA8



4F4C54



340094



070014

Inverse Universe

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



A86A92



DB7BB9



73A86A



544C51



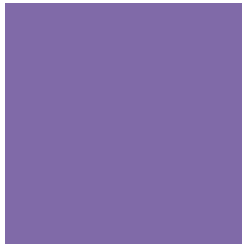
94005F



14000D

Previews

White Background



This preview shows how the Hex color 806AA8 looks on a white background.

Color Contrast Check

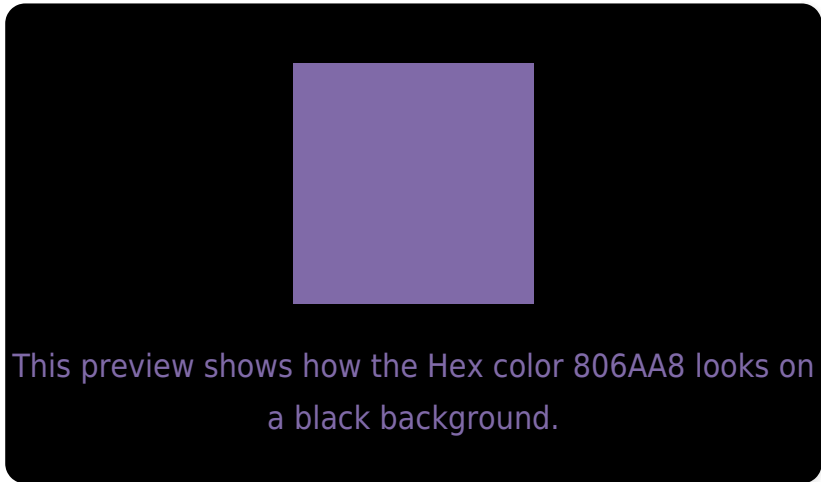
Large Text (above 18pt) WCAG AA ✓ Pass

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

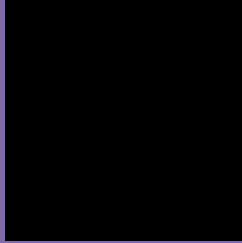
Any Text WCAG AA ✓ Pass

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 806AA8 Background



This preview shows how black text looks on a background with the Hex color 806AA8.

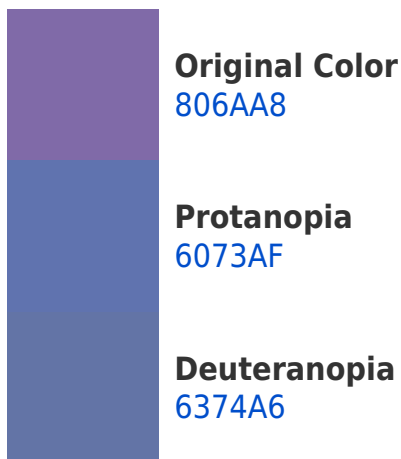


This preview shows how white text looks on a background with the Hex color 806AA8.

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](#).

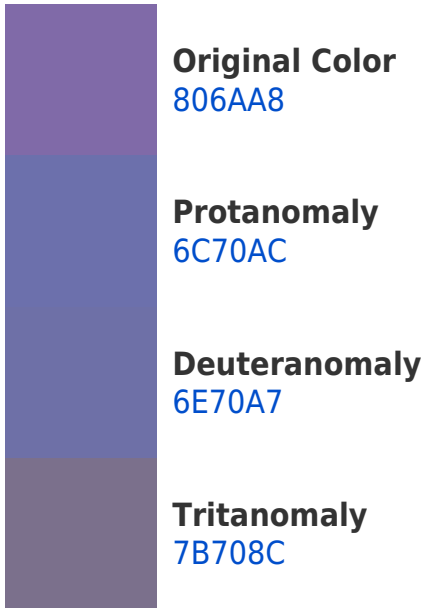
Dichromacy



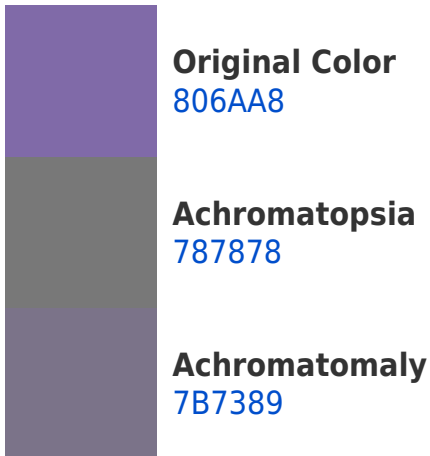


Tritanopia
78737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 806AA8 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 #806AA8 looks like.

```
.text, #text, p{  
    color:#806AA8  
}
```

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 #806AA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806AA8
}
```

Border

The CSS property to change the border of an element to Hex 806AA8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

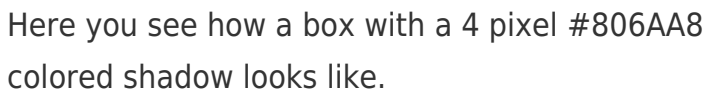
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806AA8 }
```

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

```
.border{ border-color:#806AA8 }
```

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



Here you see how a box with a 4 pixel #806AA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806AA8; -webkit-box-shadow:4px 4px  
4px 4px #806AA8; box-shadow:4px 4px 4px  
4px #806AA8 }
```

Background

The CSS property to change the background color of an element to Hex 806AA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806AA8 }
```

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

```
.background{ background-color:#806AA8 }
```

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