

Converting Colors

Hex(8A6AAC)

Have a look what the booklet for
Hex(8A6AAC) contains.

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Color

Hex(8A6AAC)

Conversions

Conversions Part 1

Format	Color
Hex	8A6AAC
RGB	138, 106, 172
RGB Percent	54%, 42%, 67%
CMY	0.4588, 0.5843, 0.3255
CMYK	0.20, 0.38, 0.00, 0.33
HSL	269°, 28%, 55%
HSV	269°, 38%, 67%
XYZ	23.0817, 18.6899, 41.4207
YIQ	123.0920, -2.1140, 27.3100

Conversions

Conversions Part 2

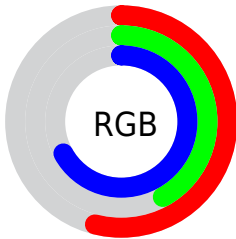
Format	Color
R _{YB}	138, 106, 172
Decimal	9071276
CIE _{Lab}	50.32, 26.07, -30.57
CIE _{LCh}	50, 40.177, 310.464
Yxy	18.6899, 0.2774, 0.2247
Android (android.graphics.Color)	4287261356 (0xFF8A6AAC)
YUV	123.0920, 24.1116, 13.0743
Hunter-Lab	43.2318, 19.6463, -26.5439

Details

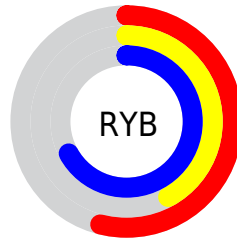
The Hex color **8A6AAC** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8CAC6A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C09EE4**, and **563A77** is the 20% darker color. If you saturate the color by 10%, you get **8159AC**, and if you desaturate by 10%, it is **937BAC**.

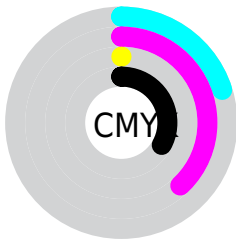
Distribution



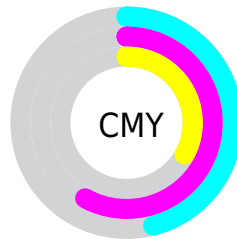
- Red (54%)
- Green (42%)
- Blue (67%)



- Red (54%)
- Yellow (42%)
- Blue (67%)



- Cyan (20%)
- Magenta (38%)
- Yellow (0%)
- Black (33%)



- Cyan (46%)
- Magenta (58%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A6AAC 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 8A6AAC by changing the saturation by 10% instead.

8A6AAC

8A6AAC

FFFFFF

705191

C09EE4

563A77

DDB9FF

3E245E

FAD5FF

260E46

FFF1FF

150030

00011A

000000

8A6AAC

8A6AAC

8159AC

937BAC

7848AC

9C8CAC

6F36AC

A59EAC

6725AC

ADAFAC

5E14AC

B6C0AC

5503AC

BFD1AC

5300AC

C8E2AC

D1F4AC

DAFFAC

Harmonies

Analogous

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



5377BB



8A6AAC



AB5E8F

Triad

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



8A6AAC



9E6E37



008983

Complementary

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



8A6AAC



8CAC6A

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.



258760



8A6AAC



807A32

Square

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



8A6AAC



B2624D



5B8242



0087A3

Rectangle

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



8A6AAC



B65B79



5B8242



008977

Sweetspot

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



8A6AAC



D3C5E0



6A8CAC



686070



F0F0F0



707070

Same Dimension

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



8A6AAC



AB79E0



AB6AAC



524E57



490096



0B0017

Inverse Universe

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



AC6A8C



E079AE



6BAC6A



574E52



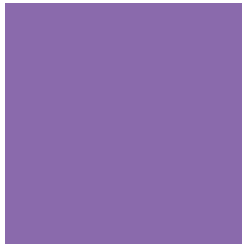
96004E



17000C

Previews

White Background



This preview shows how the Hex color 8A6AAC looks on a white background.

Color Contrast Check

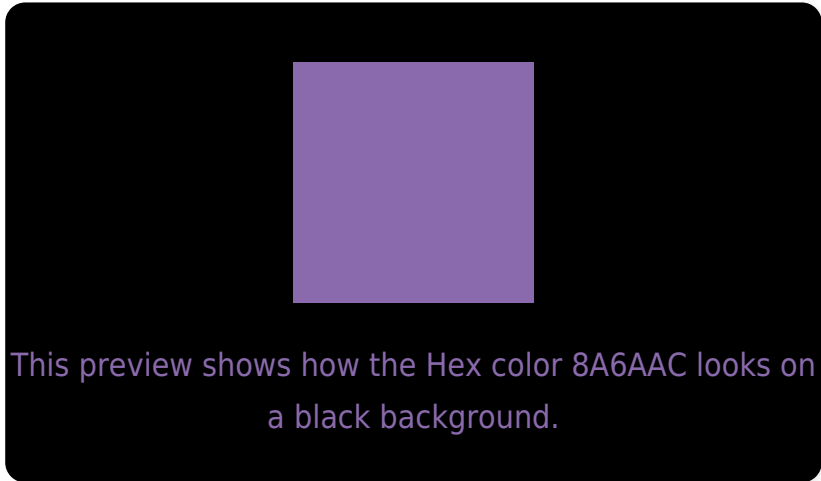
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

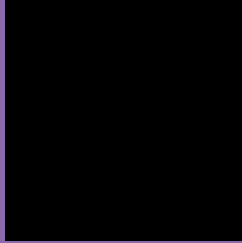
Any Text WCAG AA ✓ Pass

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 8A6AAC Background



This preview shows how black text looks on a background with the Hex color 8A6AAC.

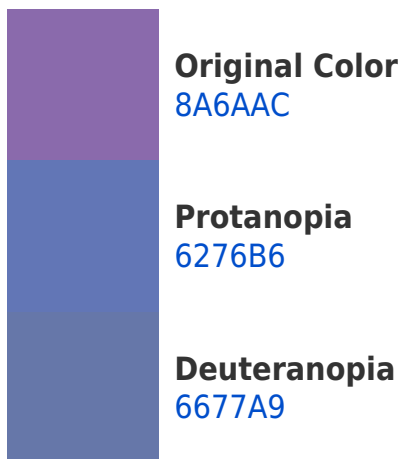


This preview shows how white text looks on a background with the Hex color 8A6AAC.

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](#).

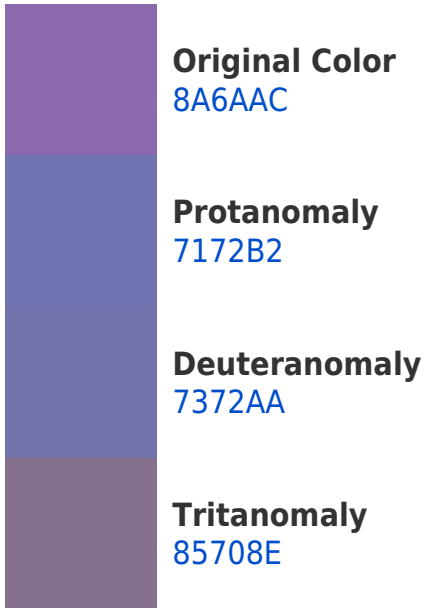
Dichromacy



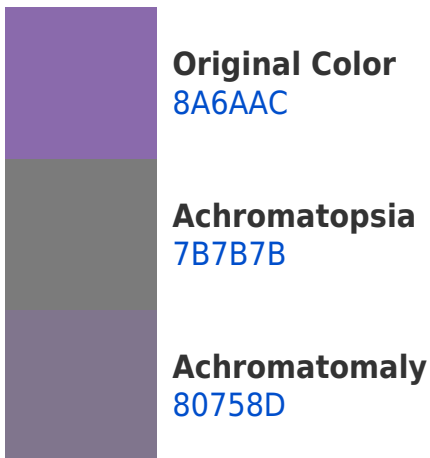


Tritanopia
82747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A6AAC 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 #8A6AAC looks like.

```
.text, #text, p{  
    color:#8A6AAC  
}
```

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 #8A6AAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A6AAC
}
```

Border

The CSS property to change the border of an element to Hex 8A6AAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

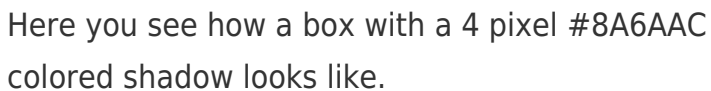
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A6AAC }
```

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

```
.border{ border-color:#8A6AAC }
```

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



Here you see how a box with a 4 pixel #8A6AAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A6AAC; -webkit-box-shadow:4px 4px  
4px 4px #8A6AAC; box-shadow:4px 4px 4px  
4px #8A6AAC }
```

Background

The CSS property to change the background color of an element to Hex 8A6AAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A6AAC }
```

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

```
.background{ background-color:#8A6AAC }
```

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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