

Converting Colors

Hex(866BAA)

Have a look what the booklet for
Hex(866BAA) contains.

Hex(866BAA)	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(866BAA)

Conversions

Conversions Part 1

Format	Color
Hex	866BAA
RGB	134, 107, 170
RGB Percent	53%, 42%, 67%
CMY	0.4745, 0.5804, 0.3333
CMYK	0.21, 0.37, 0.00, 0.33
HSL	266°, 27%, 54%
HSV	266°, 37%, 67%
XYZ	22.3449, 18.4860, 40.4207
YIQ	122.2550, -4.1310, 25.3170

Conversions

Conversions Part 2

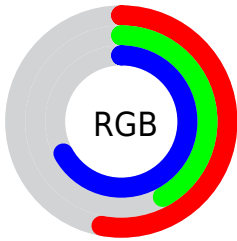
Format	Color
R_{YB}	134, 107, 170
Decimal	8809386
CIE _{Lab}	50.08, 23.76, -29.81
CIE _{LCh}	50, 38.121, 308.560
Yxy	18.4860, 0.2750, 0.2275
Android (android.graphics.Color)	4286999466 (0xFF866BAA)
YUV	122.2550, 23.5383, 10.3004
Hunter-Lab	42.9954, 17.5255, -25.6428

Details

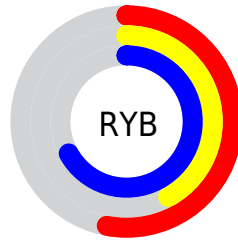
The Hex color **866BAA** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8FAA6B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BC9FE2**, and **533B75** is the 20% darker color. If you saturate the color by 10%, you get **7C5AAA**, and if you desaturate by 10%, it is **907CAA**.

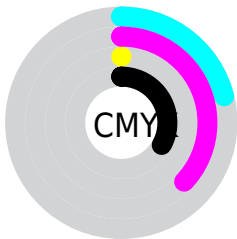
Distribution



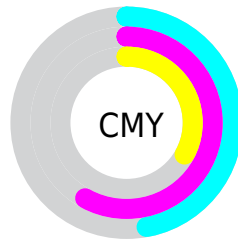
- Red (53%)
- Green (42%)
- Blue (67%)



- Red (53%)
- Yellow (42%)
- Blue (67%)



- Cyan (21%)
- Magenta (37%)
- Yellow (0%)
- Black (33%)



- Cyan (47%)
- Magenta (58%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 866BAA 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 866BAA by changing the saturation by 10% instead.

■ 866BAA

■ 866BAA

FFFFFF

■ 6C538F

■ BC9FE2

■ 533B75

■ D8BAFE

■ 3A255D

■ F5D6FF

■ 221045

■ FFF2FF

■ 12002E

■ 000118

■ 000000

■ 866BAA

■ 866BAA

■ 7C5AAA

■ 907CAA

7349AA

998DAA

6938AA

A39EAA

5F27AA

ADAFAA

5516AA

B7C0AA

4C05AA

C0D1AA

4900AA

CAE2AA

D4F3AA

DFFFAA

Harmonies

Analogous

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



5277B7



866BAA



A66090

Triad

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



866BAA



9E6D3B



008880

Complementary

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



866BAA



8FAA6B

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.



30865E



866BAA



827835

Square

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



866BAA



B06250



5F8143



00869F

Rectangle

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



866BAA



B25C7A



5F8143



008874

Sweetspot

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



866BAA



D0C5DE



6B90AA



686270



F0F0F0



707070

Same Dimension

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



866BAA



A67CDE



A56BAA



4F4C54



3F0094



090014

Inverse Universe

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



AA6B8F



DE7CB4



70AA6B



544C51



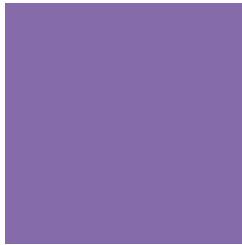
940055



14000C

Previews

White Background



This preview shows how the Hex color 866BAA looks on a white background.

Color Contrast Check

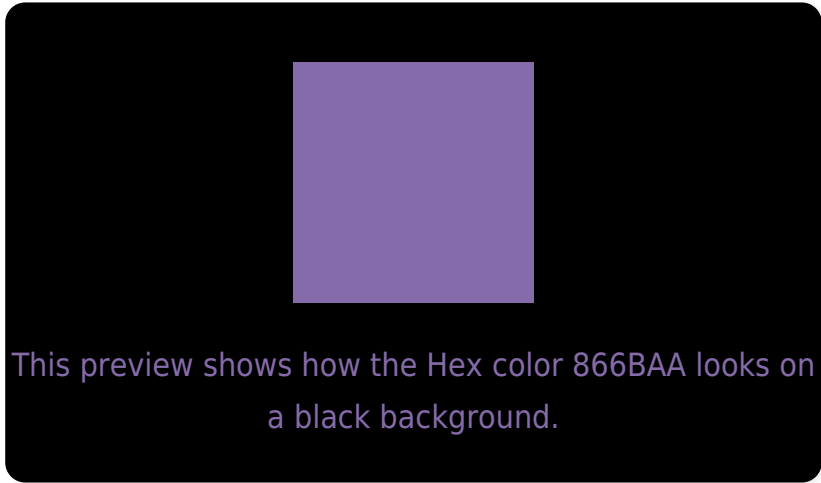
Large Text (above 18pt) WCAG AA ✓ Pass

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

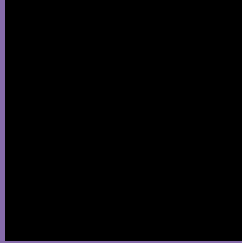
Any Text WCAG AA ✓ Pass

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 866BAA Background



This preview shows how black text looks on a background with the Hex color 866BAA.

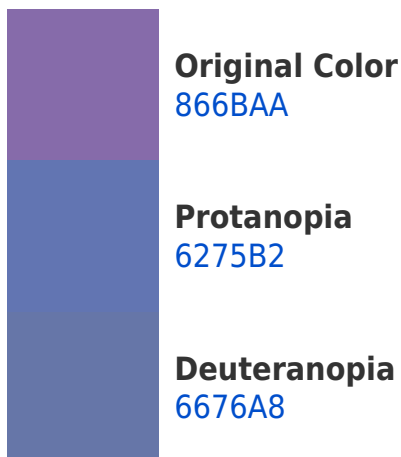


This preview shows how white text looks on a background with the Hex color 866BAA.

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
7E747D

Trichromacy



Original Color
866BAA

Protanomaly
6F71AF

Deuteranomaly
7272A9

Tritanomaly
81718D

Monochromacy



Original Color
866BAA

Achromatopsia
7A7A7A

Achromatomaly
7E758B

CSS Examples

Text

The CSS property to change the color of the text to Hex 866BAA 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 #866BAA looks like.

```
.text, #text, p{  
    color:#866BAA  
}
```

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 #866BAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #866BAA
}
```

Border

The CSS property to change the border of an element to Hex 866BAA is called "border". The border property can be set on classes, ids or directly on the HTML element.

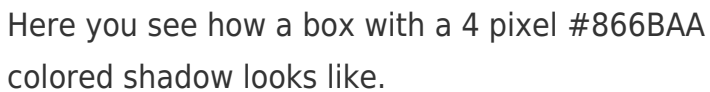
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#866BAA }
```

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

```
.border{ border-color:#866BAA }
```

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



Here you see how a box with a 4 pixel #866BAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #866BAA; -webkit-box-shadow:4px 4px  
4px 4px #866BAA; box-shadow:4px 4px 4px  
4px #866BAA }
```

Background

The CSS property to change the background color of an element to Hex 866BAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#866BAA }
```

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

```
.background{ background-color:#866BAA }
```

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