

Converting Colors

Hex(856CAC)

Have a look what the booklet for
Hex(856CAC) contains.

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Color

Hex(856CAC)

Conversions

Conversions Part 1

Format	Color
Hex	856CAC
RGB	133, 108, 172
RGB Percent	52%, 42%, 67%
CMY	0.4784, 0.5765, 0.3255
CMYK	0.23, 0.37, 0.00, 0.33
HSL	263°, 28%, 55%
HSV	263°, 37%, 67%
XYZ	22.4818, 18.6902, 41.4524
YIQ	122.7710, -5.6440, 25.2040

Conversions

Conversions Part 2

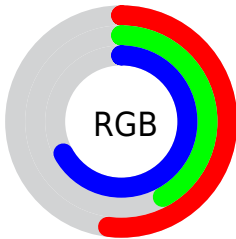
Format	Color
R_{YB}	133, 108, 172
Decimal	8744108
CIE _{Lab}	50.32, 23.35, -30.60
CIE _{LCh}	50, 38.491, 307.339
Yxy	18.6902, 0.2721, 0.2262
Android (android.graphics.Color)	4286934188 (0xFF856CAC)
YUV	122.7710, 24.2699, 8.9708
Hunter-Lab	43.2322, 17.1681, -26.5866

Details

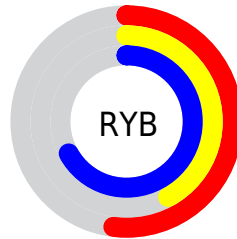
The Hex color **856CAC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **93AC6C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BBA0E4**, and **523C77** is the 20% darker color. If you saturate the color by 10%, you get **7B5BAC**, and if you desaturate by 10%, it is **8F7DAC**.

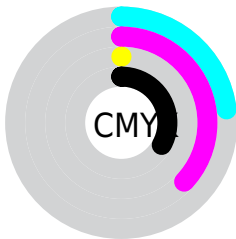
Distribution



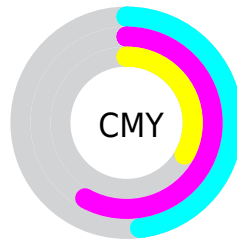
- Red (52%)
- Green (42%)
- Blue (67%)



- Red (52%)
- Yellow (42%)
- Blue (67%)



- Cyan (23%)
- Magenta (37%)
- Yellow (0%)
- Black (33%)



- Cyan (48%)
- Magenta (58%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 856CAC 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 856CAC by changing the saturation by 10% instead.

856CAC

856CAC

FFFFFF

6B5491

BBA0E4

523C77

D7BBFF

39265E

F4D7FF

211146

FFF3FF

100030

00011A

000000

856CAC

856CAC

7B5BAC

8F7DAC

704AAC

9A8EAC

6638AC

A4A0AC

5B27AC

AFB1AC

5116AC

B9C2AC

4605AC

C4D3AC

4300AC

CEE4AC

D9F6AC

E3FFAC

Harmonies

Analogous

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



4F78B9



856CAC



A76092

Triad

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



856CAC



A06D3B



00897F

Complementary

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



856CAC



93AC6C

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.



32875D



856CAC



847934

Square

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



856CAC



B26252



618142



00879F

Rectangle

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



856CAC



B25C7C



618142



008874

Sweetspot

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



856CAC



D1C8E0



6C93AC



676270



F0F0F0



707070

Same Dimension

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



856CAC



A37BE0



A56CAC



514E57



3B0096



090017

Inverse Universe

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



AC6C93



E07BB9



73AC6C



574E53



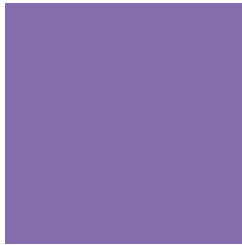
96005C



17000E

Previews

White Background



This preview shows how the Hex color 856CAC looks on a white background.

Color Contrast Check

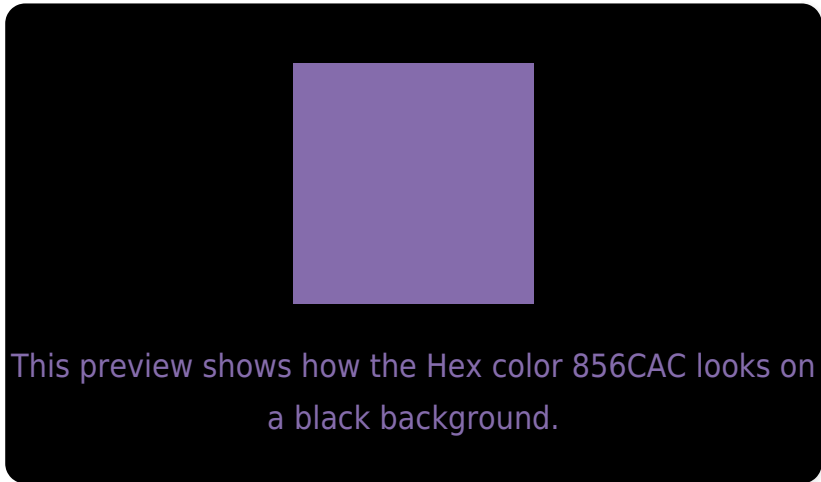
Large Text (above 18pt) WCAG AA ✓ Pass

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

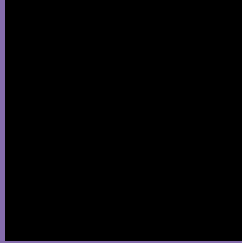
Any Text WCAG AA ✓ Pass

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 856CAC Background



This preview shows how black text looks on a background with the Hex color 856CAC.

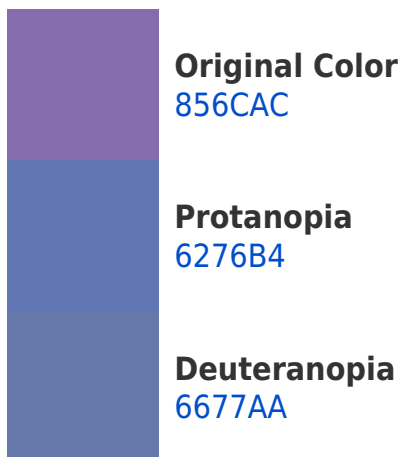


This preview shows how white text looks on a background with the Hex color 856CAC.

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
7D757F

Trichromacy



Original Color
856CAC

Protanomaly
6F72B1

Deuteranomaly
7173AB

Tritanomaly
80728F

Monochromacy



Original Color
856CAC

Achromatopsia
7B7B7B

Achromatomaly
7F768D

CSS Examples

Text

The CSS property to change the color of the text to Hex 856CAC 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 #856CAC looks like.

```
.text, #text, p{  
    color:#856CAC  
}
```

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 #856CAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856CAC
}
```

Border

The CSS property to change the border of an element to Hex 856CAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

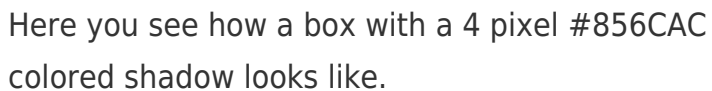
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#856CAC }
```

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

```
.border{ border-color:#856CAC }
```

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



Here you see how a box with a 4 pixel #856CAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856CAC; -webkit-box-shadow:4px 4px  
4px 4px #856CAC; box-shadow:4px 4px 4px  
4px #856CAC }
```

Background

The CSS property to change the background color of an element to Hex 856CAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856CAC }
```

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

```
.background{ background-color:#856CAC }
```

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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