

Converting Colors

Hex(A87BC5)

Have a look what the booklet for
Hex(A87BC5) contains.

Hex(A87BC5)	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(A87BC5)

Conversions

Conversions Part 1

Format	Color
Hex	A87BC5
RGB	168, 123, 197
RGB Percent	66%, 48%, 77%
CMY	0.3412, 0.5176, 0.2275
CMYK	0.15, 0.38, 0.00, 0.23
HSL	276°, 39%, 63%
HSV	276°, 38%, 77%
XYZ	33.3095, 26.5220, 56.1870
YIQ	144.8910, 3.0660, 32.5540

Conversions

Conversions Part 2

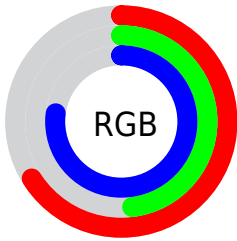
Format	Color
RYB	168, 123, 197
Decimal	11041733
CIELab	58.53, 31.27, -31.92
CIELCh	59, 44.685, 314.411
Yxy	26.5220, 0.2871, 0.2286
Android (android.graphics.Color)	4289231813 (0xFFA87BC5)
YUV	144.8910, 25.6897, 20.2666
Hunter-Lab	51.4995, 25.3283, -28.6370

Details

The Hex color **A87BC5** is a light color, and the websafe version is hex **996699**. A complement of this color would be **98C57B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E0B0FE**, and **73498F** is the 20% darker color. If you saturate the color by 10%, you get **A067C5**, and if you desaturate by 10%, it is **B08FC5**.

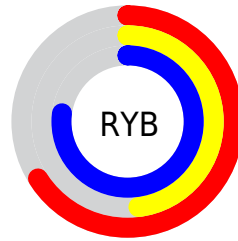
Distribution



Red (66%)

Green (48%)

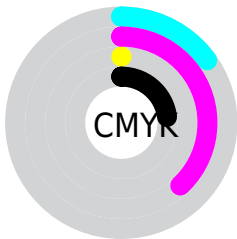
Blue (77%)



Red (66%)

Yellow (48%)

Blue (77%)

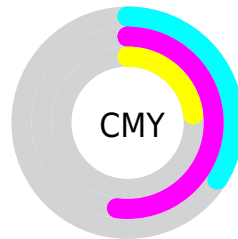


Cyan (15%)

Magenta (38%)

Yellow (0%)

Black (23%)



Cyan (34%)

Magenta (52%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color A87BC5 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 A87BC5 by changing the saturation by 10% instead.

 A87BC5

 A87BC5

FFFFFF

 8D62AA

 E0B0FE

 73498F

 FDCCFF

 593275

 FFE8FF

 401B5C

 280444

 14002E

 000118

 000000

 A87BC5

 A87BC5

 A067C5

 B08FC5

 9954C5


 B7A2C5

 9140C5

 BFB6C5

 892CC5

 C7CAC5

 8119C5

 CFDEC5

 7A05C5

 D6F1C5

 7800C5

 DEFFC5

 E6FFC5

 EDFFC5

Harmonies

Analogous

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



6D8AD9



A87BC5



CB6EA3

Triad

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



A87BC5



B58340



00A19F

Complementary

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



A87BC5



98C57B

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.



229F76



A87BC5



91913E

Square

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



A87BC5



CE7558



669A53



009EC3

Rectangle

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



A87BC5



D56B88



669A53



00A191

Sweetspot

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



A87BC5



F4E3FF



7B99C5



796F80



000000



808080

Same Dimension

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



A87BC5



D28CFF



C57BBE



605A63



6300A3



160024

Inverse Universe

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



C57B98



FF8CB9



7BC582



635A5D



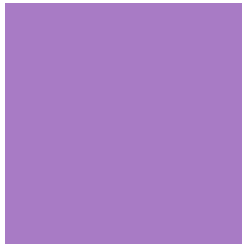
A30040



24000E

Previews

White Background



This preview shows how the Hex color A87BC5 looks on a white background.

Color Contrast Check

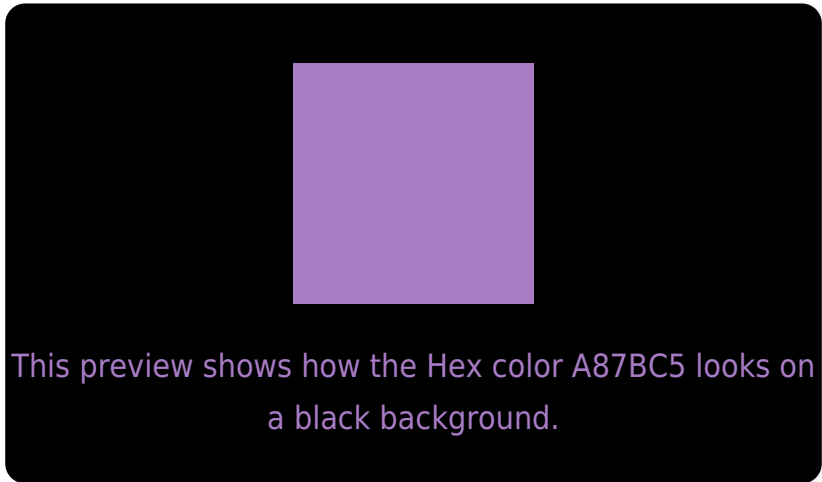
Large Text (above 18pt) WCAG AA ✓ Pass

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

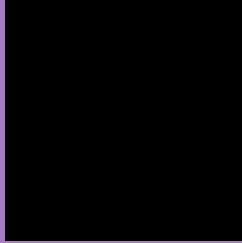
Any Text WCAG AA ✓ Pass

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 A87BC5 Background



This preview shows how black text looks on a background with the Hex color A87BC5.

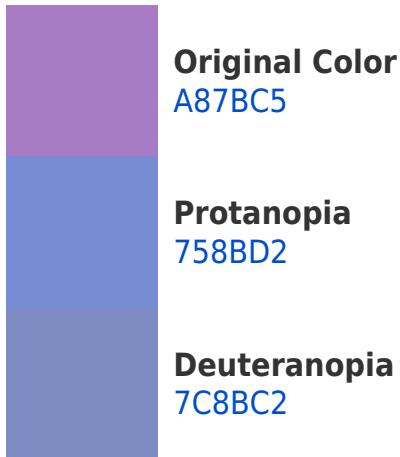


This preview shows how white text looks on a background with the Hex color A87BC5.

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](#).

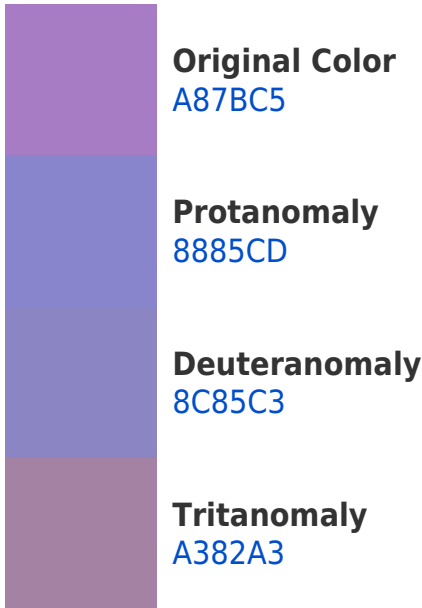
Dichromacy



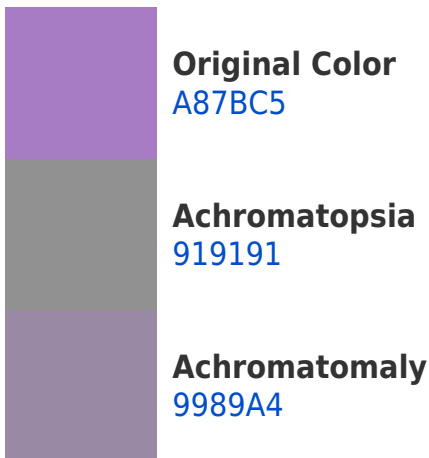


Tritanopia
A08690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A87BC5 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 #A87BC5 looks like.

```
.text, #text, p{  
    color:#A87BC5  
}
```

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 #A87BC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A87BC5
}
```

Border

The CSS property to change the border of an element to Hex A87BC5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

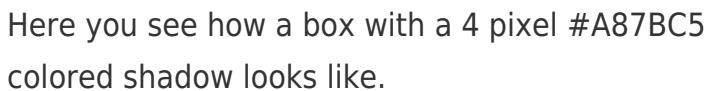
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A87BC5 }
```

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

```
.border{ border-color:#A87BC5 }
```

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



Here you see how a box with a 4 pixel #A87BC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A87BC5; -webkit-box-shadow:4px 4px  
4px 4px #A87BC5; box-shadow:4px 4px 4px  
4px #A87BC5 }
```

Background

The CSS property to change the background color of an element to Hex A87BC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A87BC5 }
```

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

```
.background{ background-color:#A87BC5 }
```

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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