

Converting Colors

Hex(A67BB0)

Have a look what the booklet for
Hex(A67BB0) contains.

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Color

Hex(A67BB0)

Conversions

Conversions Part 1

Format	Color
Hex	A67BB0
RGB	166, 123, 176
RGB Percent	65%, 48%, 69%
CMY	0.3490, 0.5176, 0.3098
CMYK	0.06, 0.30, 0.00, 0.31
HSL	289°, 25%, 59%
HSV	289°, 30%, 69%
XYZ	30.6453, 25.4075, 44.3632
YIQ	141.8990, 8.6150, 25.5990

Conversions

Conversions Part 2

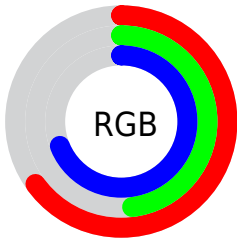
Format	Color
RYB	166, 123, 176
Decimal	10910640
CIELab	57.47, 26.17, -21.60
CIELCh	57, 33.933, 320.473
Yxy	25.4075, 0.3052, 0.2530
Android (android.graphics.Color)	4289100720 (0xFFA67BB0)
YUV	141.8990, 16.8118, 21.1366
Hunter-Lab	50.4059, 20.3127, -16.8983

Details

The Hex color **A67BB0** is a light color, and the websafe version is hex **996699**. A complement of this color would be **85B07B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **DEB0E8**, and **71497B** is the 20% darker color. If you saturate the color by 10%, you get **A369B0**, and if you desaturate by 10%, it is **A98DB0**.

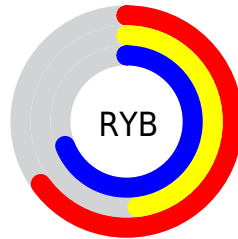
Distribution



Red (65%)

Green (48%)

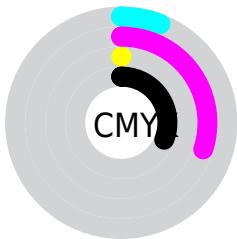
Blue (69%)



Red (65%)

Yellow (48%)

Blue (69%)

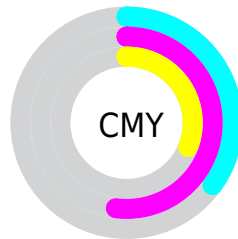


Cyan (6%)

Magenta (30%)

Yellow (0%)

Black (31%)



Cyan (35%)

Magenta (52%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color A67BB0 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 A67BB0 by changing the saturation by 10% instead.

 A67BB0

 A67BB0

FFFFFF

 8B6295

 DEB0E8

 71497B

 FACCFE

 583262

 FFE8FF

 401C4A

 290533

 12001E

 000000

 A67BB0

 A67BB0

 A369B0

 A98DB0

9F58B0

AD9EB0

9C46B0

B0B0B0

9935B0

B3C1B0

9523B0

B7D3B0

9211B0

BAE5B0

8F00B0

BDF6B0

C1FFB0

C4FFB0

Harmonies

Analogous

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



7F86C1



A67BB0



BD7495

Triad

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



A67BB0



A6854F



009A9E

Complementary

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



A67BB0



85B07B

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.



3E997F



A67BB0



898F51

Square

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



A67BB0



BB7B5D



679563



0197B7

Rectangle

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



A67BB0



C37381



679563



1B9A94

Sweetspot

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



A67BB0



E2D1E6



7B86B0



706673



F2F2F2



737373

Same Dimension

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



A67BB0



D693E6



B07BA0



585059



7C0099



15001A

Inverse Universe

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



B07B85



E693A2



7BB08B



595052



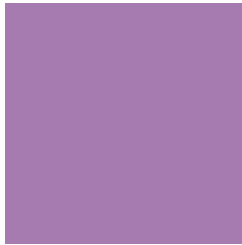
99001D



1A0005

Previews

White Background



This preview shows how the Hex color A67BB0 looks on a white background.

Color Contrast Check

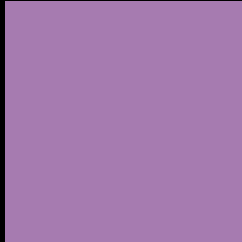
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color A67BB0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

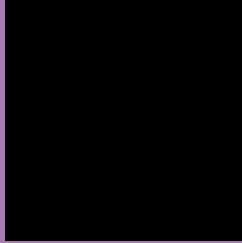
Any Text WCAG AA ✓ Pass

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 A67BB0 Background



This preview shows how black text looks on a background with the Hex color A67BB0.

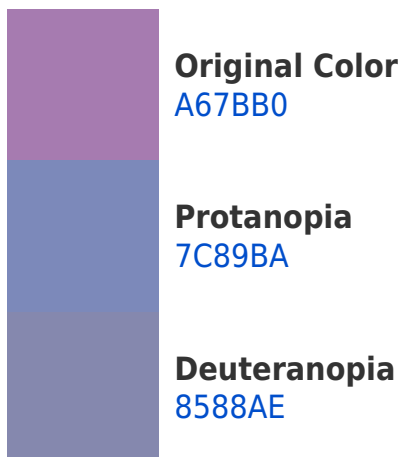


This preview shows how white text looks on a background with the Hex color A67BB0.

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
A1828C

Trichromacy



Original Color
A67BB0

Protanomaly
8B84B6

Deuteranomaly
9183AF

Tritanomaly
A37F99

Monochromacy



Original Color
A67BB0

Achromatopsia
8E8E8E

Achromatomaly
97879A

CSS Examples

Text

The CSS property to change the color of the text to Hex A67BB0 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 #A67BB0 looks like.

```
.text, #text, p{  
    color:#A67BB0  
}
```

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 #A67BB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A67BB0
}
```

Border

The CSS property to change the border of an element to Hex A67BB0 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
#A67BB0 }
```

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

```
.border{ border-color:#A67BB0 }
```

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

Here you see how a box with a 4 pixel #A67BB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A67BB0; -webkit-box-shadow:4px 4px  
4px 4px #A67BB0; box-shadow:4px 4px 4px  
4px #A67BB0 }
```

Background

The CSS property to change the background color of an element to Hex A67BB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A67BB0 }
```

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

```
.background{ background-color:#A67BB0 }
```

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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