

Converting Colors

Hex(A77BE7)

Have a look what the booklet for
Hex(A77BE7) contains.

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Color

Hex(A77BE7)

Conversions

Conversions Part 1

Format	Color
Hex	A77BE7
RGB	167, 123, 231
RGB Percent	65%, 48%, 91%
CMY	0.3451, 0.5176, 0.0941
CMYK	0.28, 0.47, 0.00, 0.09
HSL	264°, 69%, 69%
HSV	264°, 47%, 91%
XYZ	37.4431, 28.1509, 79.0615
YIQ	148.4680, -8.4440, 42.9160

Conversions

Conversions Part 2

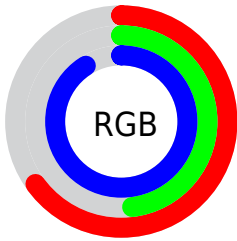
Format	Color
RYB	167, 123, 231
Decimal	10976231
CIELab	60.02, 38.84, -48.68
CIElCh	60, 62.280, 308.583
Yxy	28.1509, 0.2588, 0.1946
Android (android.graphics.Color)	4289166311 (0xFFA77BE7)
YUV	148.4680, 40.6883, 16.2526
Hunter-Lab	53.0574, 33.1185, -51.2085

Details

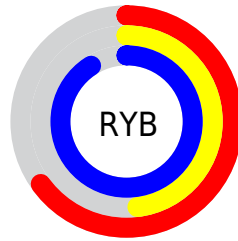
The Hex color **A77BE7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BBE77B**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E0B0FF**, and **7049AF** is the 20% darker color. If you saturate the color by 10%, you get **9964E7**, and if you desaturate by 10%, it is **B592E7**.

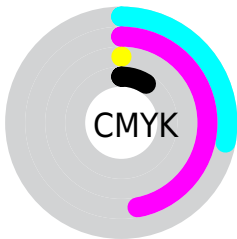
Distribution



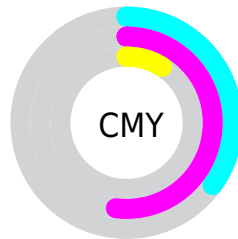
- Red (65%)
- Green (48%)
- Blue (91%)



- Red (65%)
- Yellow (48%)
- Blue (91%)



- Cyan (28%)
- Magenta (47%)
- Yellow (0%)
- Black (9%)



- Cyan (35%)
- Magenta (52%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color A77BE7 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 A77BE7 by changing the saturation by 10% instead.

 A77BE7

 A77BE7

FFFFFF

 8B62CB

 E0B0FF

 7049AF

 FECCFF

 553194

 FFE8FF

 3A1979

 1C0160

 030048

 000430

 00011A

 000000

 A77BE7

 A77BE7

 9964E7

 B592E7

 8C4DE7

 C2A9E7

 7E36E7

 D0C0E7

 701FE7

 DED7E7

 6308E7

 EBFE7

 5E00E7

 F9FE7

 FFFE7

Harmonies

Analogous

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



2C92FE



A77BE7



DE63BA

Triad

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



A77BE7



CC7F23



00AB9F

Complementary

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



A77BE7



BBE77B

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.



00A866



A77BE7



9E930E

Square

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



A77BE7



EB684F



62A033



00A9D4

Rectangle

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



A77BE7



F05B96



62A033



00AA8C

Sweetspot

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



A77BE7



EADBFF



7BBCE7



736A80



000000



808080

Same Dimension

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



A77BE7



AA70FF



DC7BE7



6C6773



4900B3



150033

Inverse Universe

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



E77BBB



FF70C5



86E77B



73676E



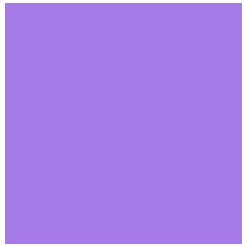
B3006A



33001E

Previews

White Background



This preview shows how the Hex color A77BE7 looks on a white background.

Color Contrast Check

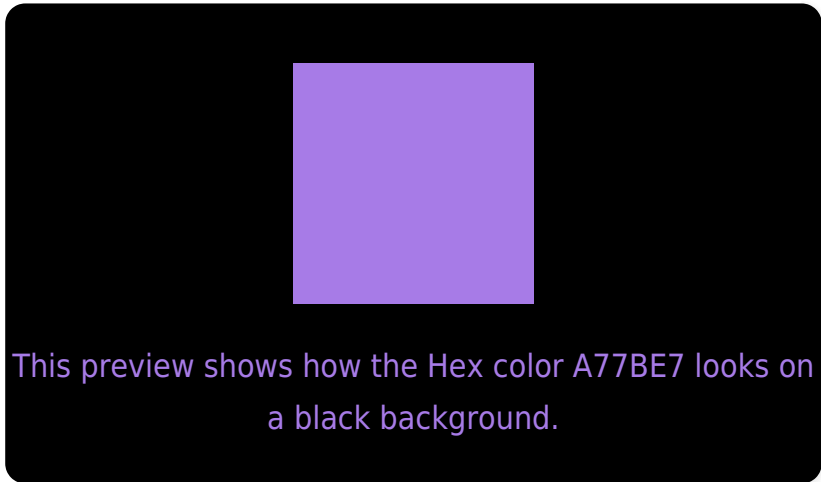
Large Text (above 18pt) WCAG AA ✓ Pass

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

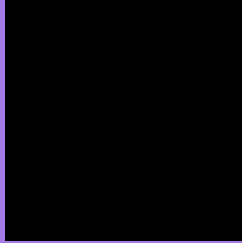
Any Text WCAG AA ✓ Pass

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 A77BE7 Background



This preview shows how black text looks on a background with the Hex color A77BE7.



This preview shows how white text looks on a background with the Hex color A77BE7.

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](#).

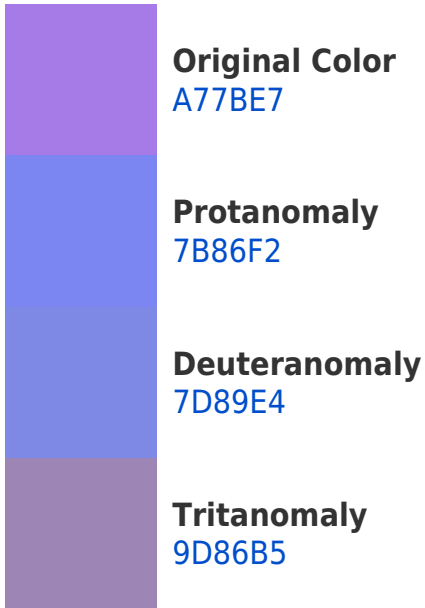
Dichromacy



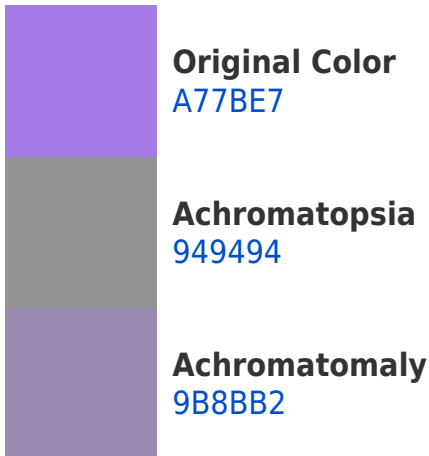


Tritanopia
988D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A77BE7 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 #A77BE7 looks like.

```
.text, #text, p{  
  color:#A77BE7  
}
```

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 #A77BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A77BE7
}
```

Border

The CSS property to change the border of an element to Hex A77BE7 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
#A77BE7 }
```

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

```
.border{ border-color:#A77BE7 }
```

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

Here you see how a box with a 4 pixel #A77BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A77BE7; -webkit-box-shadow:4px 4px  
4px 4px #A77BE7; box-shadow:4px 4px 4px  
4px #A77BE7 }
```

Background

The CSS property to change the background color of an element to Hex A77BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A77BE7 }
```

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

```
.background{ background-color:#A77BE7 }
```

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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