

# Converting Colors

Hex(A67EBE)

Have a look what the booklet for  
Hex(A67EBE) contains.

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# Color

Hex(A67EBE)

# Conversions

## Conversions Part 1

Format	Color
Hex	A67EBE
RGB	166, 126, 190
RGB Percent	65%, 49%, 75%
CMY	0.3490, 0.5059, 0.2549
CMYK	0.13, 0.34, 0.00, 0.25
HSL	278°, 33%, 62%
HSV	278°, 34%, 75%
XYZ	32.4810, 26.7464, 52.1658
YIQ	145.2560, 3.2960, 28.3840

# Conversions

## Conversions Part 2

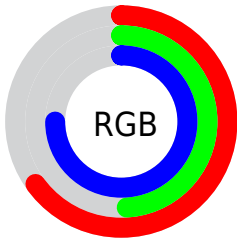
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 126, 190
Decimal	10911422
CIE <sub>Lab</sub>	58.74, 27.42, -27.64
CIE <sub>LCh</sub>	59, 38.931, 314.774
Yxy	26.7464, 0.2916, 0.2401
Android (android.graphics.Color)	4289101502 (0xFFA67EBE)
YUV	145.2560, 22.0588, 18.1925
Hunter-Lab	51.7169, 21.6029, -23.6028

# Details

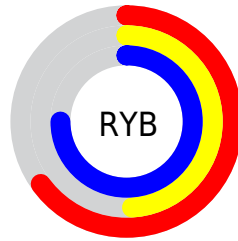
The Hex color **A67EBE** is a light color, and the websafe version is hex **996699**. A complement of this color would be **96BE7E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **DEB3F7**, and **714C88** is the 20% darker color. If you saturate the color by 10%, you get **9F6BBE**, and if you desaturate by 10%, it is **AD91BE**.

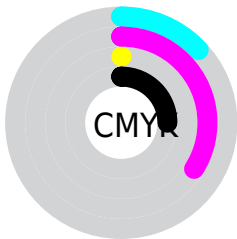
# Distribution



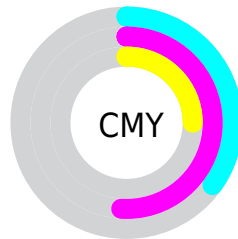
- Red (65%)
- Green (49%)
- Blue (75%)



- Red (65%)
- Yellow (49%)
- Blue (75%)



- Cyan (13%)
- Magenta (34%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (51%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A67EBE 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 A67EBE by changing the saturation by 10% instead.



 A67EBE

 A67EBE

FFFFFF

 8B65A3

 DEB3F7

 714C88

 FBCFFF

 58356F

 FFE8FF

 3F1E56

 28083F

 150029

 000112

 000000

 A67EBE

 A67EBE

9F6BBE

AD91BE

9858BE

B4A4BE

9145BE

BBB7BE

8A32BE

C3CABE

821FBE

CADDBE

7B0CBE

D1F0BE

7700BE

D8FFBE

DFFFBE

E6FFBE

# Harmonies

## Analogous

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



758BCF



A67EBE



C474A0

# Triad

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



A67EBE



B1854B



009F9E

# Complementary

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



A67EBE



96BE7E

# 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.



3B9E7A



A67EBE



929149

# Square

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



A67EBE



C7795F



6C995B



009DBC

# Rectangle

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



A67EBE



CD7189



6C995B



009F92



# Sweetspot

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



A67EBE



EEDFF7



7E97BE



776E7D



FCFCFC



7D7D7D



# Same Dimension

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



A67EBE



D294F7



BE7EB7



5B555E



63009E



13001F



# Inverse Universe

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



BE7E96



F794BA



7EBE85



5E5558



9E003B

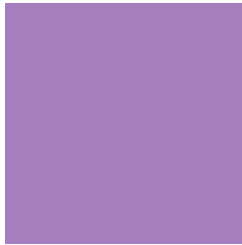


1F000B



# Previews

## White Background



This preview shows how the Hex color A67EBE looks on a white background.

## Color Contrast Check

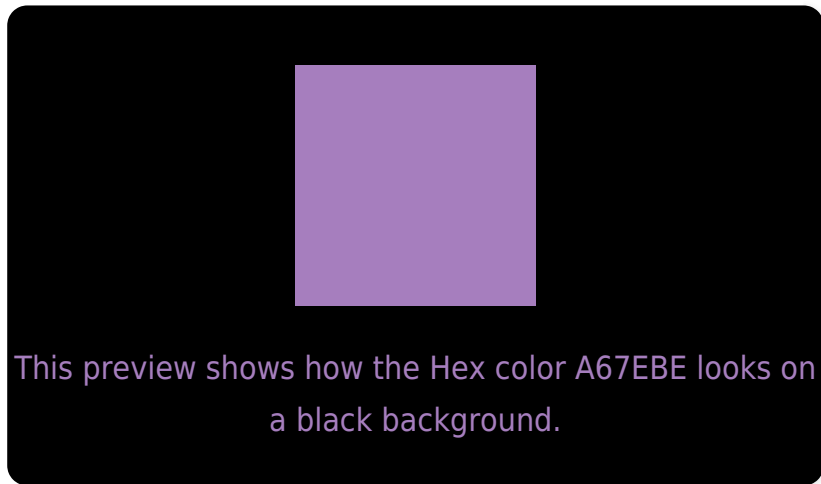
Large Text (above 18pt) WCAG AA ✓ Pass

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

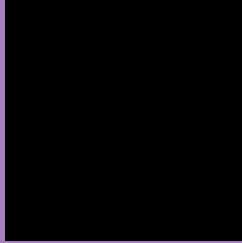
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A67EBE Background



This preview shows how black text looks on a background with the Hex color A67EBE.

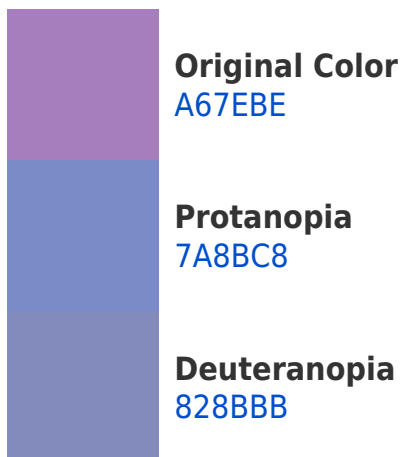


This preview shows how white text looks on a background with the Hex color A67EBE.

# 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**  
9F8791

# Trichromacy



**Original Color**  
A67EBE

**Protanomaly**  
8A86C4

**Deuteranomaly**  
8F86BC

**Tritanomaly**  
A284A1

# Monochromacy



**Original Color**  
A67EBE

**Achromatopsia**  
919191

**Achromatomaly**  
998AA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A67EBE 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 #A67EBE looks like.

```
.text, #text, p{  
    color:#A67EBE  
}
```

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 #A67EBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A67EBE
}
```

## Border

The CSS property to change the border of an element to Hex A67EBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

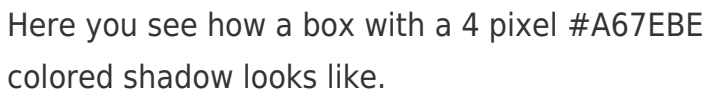
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A67EBE }
```

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

```
.border{ border-color:#A67EBE }
```

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



Here you see how a box with a 4 pixel #A67EBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A67EBE; -webkit-box-shadow:4px 4px  
4px 4px #A67EBE; box-shadow:4px 4px 4px  
4px #A67EBE }
```

# Background

The CSS property to change the background color of an element to Hex A67EBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A67EBE }
```

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

```
.background{ background-color:#A67EBE }
```

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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