

# Converting Colors

Hex(AA80CE)

Have a look what the booklet for  
Hex(AA80CE) contains.

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# **Color**

**Hex(AA80CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA80CE
RGB	170, 128, 206
RGB Percent	67%, 50%, 81%
CMY	0.3333, 0.4980, 0.1922
CMYK	0.17, 0.38, 0.00, 0.19
HSL	272°, 44%, 65%
HSV	272°, 38%, 81%
XYZ	35.4373, 28.4406, 62.0144
YIQ	149.4500, -0.0060, 33.1620

# Conversions

## Conversions Part 2

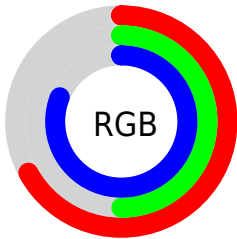
Format	Color
<a href="#">RYB</a>	<a href="#">170, 128, 206</a>
Decimal	<a href="#">11174094</a>
CIELab	<a href="#">60.28, 31.06, -34.26</a>
CIELCh	<a href="#">60, 46.239, 312.193</a>
Yxy	<a href="#">28.4406, 0.2815, 0.2259</a>
Android (android.graphics.Color)	<a href="#">4289364174 (0xFFAA80CE)</a>
YUV	<a href="#">149.4500, 27.8792, 18.0224</a>
Hunter-Lab	<a href="#">53.3297, 25.2852, -31.6144</a>

# Details

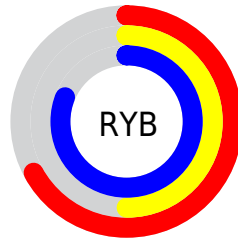
The Hex color **AA80CE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A4CE80**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **E2B5FF**, and **744E97** is the 20% darker color. If you saturate the color by 10%, you get **A06BCE**, and if you desaturate by 10%, it is **B495CE**.

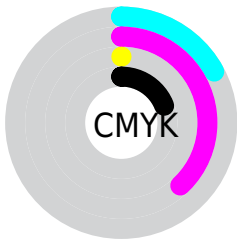
# Distribution



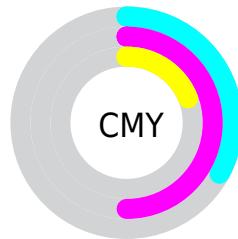
- Red (67%)
- Green (50%)
- Blue (81%)



- Red (67%)
- Yellow (50%)
- Blue (81%)



- Cyan (17%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)



- Cyan (33%)
- Magenta (50%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA80CE 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 AA80CE by changing the saturation by 10% instead.



 AA80CE

 AA80CE

FFFFFF

 8F67B2

 E2B5FF

 744E97

 FFD1FF

 5B367D

 FFEEFF

 421F64

 29084C

 170035

 00021E

 000001

 000000

AA80CE

AA80CE

A06BCE

B495CE

9757CE

BDA9CE

8D42CE

C7BECE

842ECE

D0D2CE

7A19CE

DAE7CE

7104CE

E3FCCE

6F00CE

EDFFCE

F6FFCE

FFFFCE

# Harmonies

## Analogous

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



6A90E1



AA80CE



D072AB

# Triad

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



AA80CE



BD8643



00A6A1

# Complementary

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



AA80CE



A4CE80

# 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.



29A477



AA80CE



99943E

# Square

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



AA80CE



D6785C



6C9E53



00A4C7

# Rectangle

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



AA80CE



DC6E90



6C9E53



00A693



# Sweetspot

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



AA80CE



F2E3FF



80A4CE



786F80



000000



808080



# Same Dimension

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



AA80CE



CA8CFF



CE80CB



615C66



5900A6



150026



# Inverse Universe

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



CE80A4



FF8CC1



80CE83



665C61



A6004D

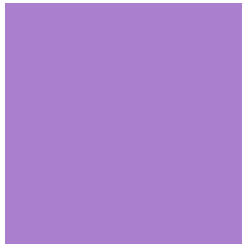


260012



# Previews

## White Background



This preview shows how the Hex color AA80CE looks on a white background.

## Color Contrast Check

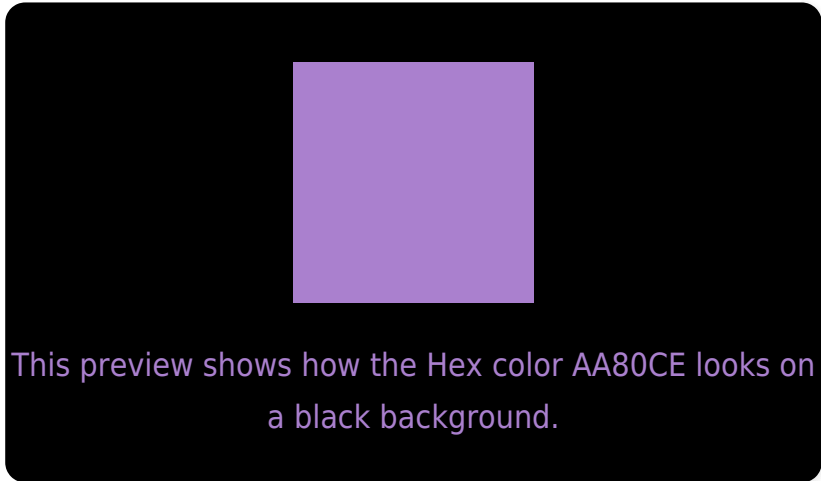
Large Text (above 18pt) WCAG AA ✓ Pass

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

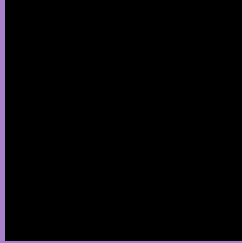
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AA80CE Background



This preview shows how black text looks on a background with the Hex color AA80CE.

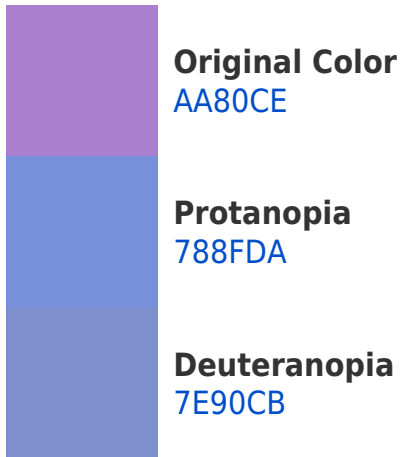


This preview shows how white text looks on a background with the Hex color AA80CE.

# 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](#).

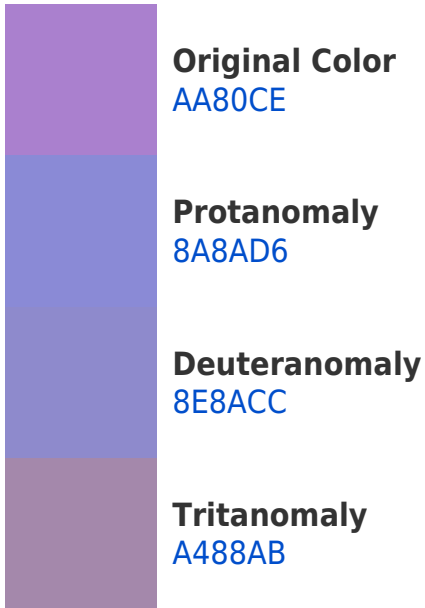
## Dichromacy



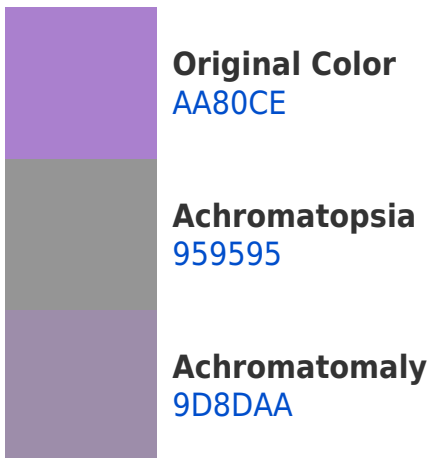


**Tritanopia**  
A18C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA80CE 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 #AA80CE looks like.

```
.text, #text, p{  
  color:#AA80CE  
}
```

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 #AA80CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA80CE
}
```

## Border

The CSS property to change the border of an element to Hex AA80CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

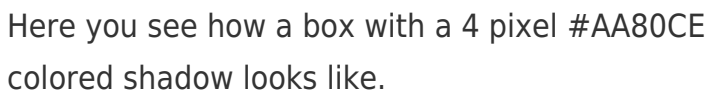
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA80CE }
```

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

```
.border{ border-color:#AA80CE }
```

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



Here you see how a box with a 4 pixel #AA80CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA80CE; -webkit-box-shadow:4px 4px  
4px 4px #AA80CE; box-shadow:4px 4px 4px  
4px #AA80CE }
```

# Background

The CSS property to change the background color of an element to Hex AA80CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA80CE }
```

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

```
.background{ background-color:#AA80CE }
```

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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