

Converting Colors

Hex(AA6CC7)

Have a look what the booklet for
Hex(AA6CC7) contains.

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Color

Hex(AA6CC7)

Conversions

Conversions Part 1

Format	Color
Hex	AA6CC7
RGB	170, 108, 199
RGB Percent	67%, 42%, 78%
CMY	0.3333, 0.5765, 0.2196
CMYK	0.15, 0.46, 0.00, 0.22
HSL	281°, 45%, 60%
HSV	281°, 46%, 78%
XYZ	32.2489, 23.3947, 56.8488
YIQ	136.9120, 7.7410, 41.4450

Conversions

Conversions Part 2

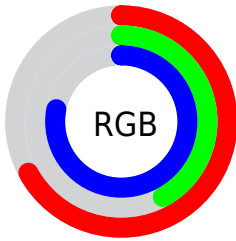
Format	Color
RYB	170, 108, 199
Decimal	11168967
CIELab	55.48, 40.65, -37.81
CIElCh	55, 55.514, 317.070
Yxy	23.3947, 0.2867, 0.2080
Android (android.graphics.Color)	4289359047 (0xFFAA6CC7)
YUV	136.9120, 30.6094, 29.0182
Hunter-Lab	48.3681, 34.3690, -35.8281

Details

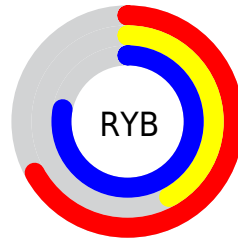
The Hex color **AA6CC7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **89C76C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **E3A1FF**, and **743A91** is the 20% darker color. If you saturate the color by 10%, you get **A458C7**, and if you desaturate by 10%, it is **B080C7**.

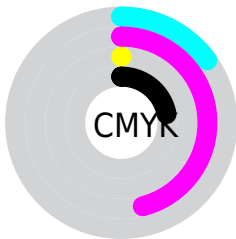
Distribution



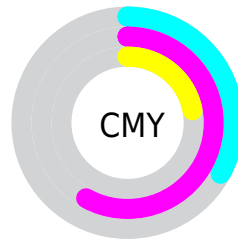
- Red (67%)
- Green (42%)
- Blue (78%)



- Red (67%)
- Yellow (42%)
- Blue (78%)



- Cyan (15%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (58%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA6CC7 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 AA6CC7 by changing the saturation by 10% instead.

■ AA6CC7

■ AA6CC7

FFFFFF

■ 8F53AB

■ E3A1FF

■ 743A91

■ FFBCFF

■ 5A2177

■ FFD9FF

■ 40055D

■ FFF5FF

■ 270045

■ 0C002E

■ 000119

■ 000000

■ AA6CC7

■ AA6CC7

 A458C7

 B080C7

 9D44C7

 B794C7

 9730C7

 BDA8C7

 911CC7

 C3BCC7

 8A09C7

 CAD0C7

 8800C7

 D0E3C7

 D6F7C7

 DDFFC7

 E3FFC7

Harmonies

Analogous

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



5D81E1



AA6CC7



D25A9C

Triad

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



AA6CC7



AF7B1F



009CA0

Complementary

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



AA6CC7



89C76C

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.



009B6E



AA6CC7



848B1D

Square

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



AA6CC7



CF6840



4B953F



0099CA

Rectangle

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



AA6CC7



DC577B



4B953F



009C8F

Sweetspot

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



AA6CC7



F4DBFF



6C8AC7



796A80



000000



808080

Same Dimension

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



AA6CC7



D273FF



C76CB8



605A63



6F00A3



180024

Inverse Universe

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



C76C89



FF739F



6CC77B



635A5D



A30034



24000B

Previews

White Background



This preview shows how the Hex color AA6CC7 looks on a white background.

Color Contrast Check

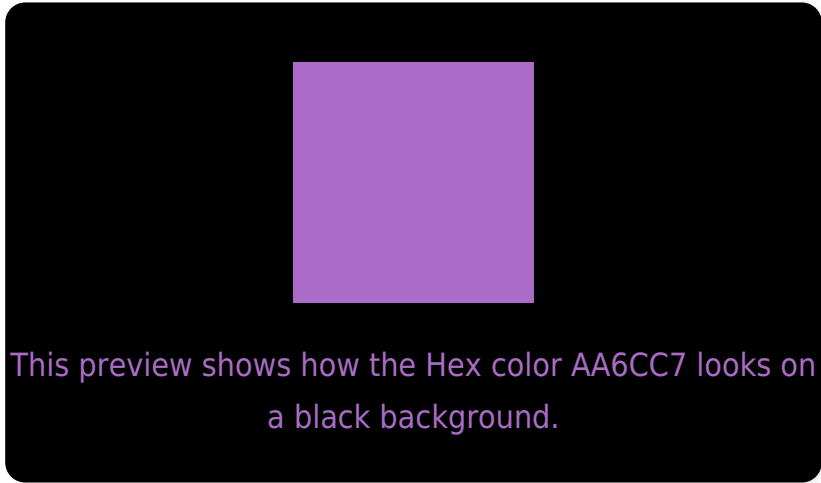
Large Text (above 18pt) WCAG AA ✓ Pass

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

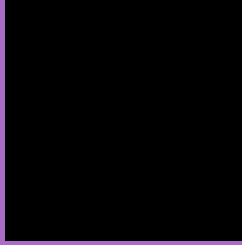
Any Text WCAG AA ✓ Pass

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 AA6CC7 Background



This preview shows how black text looks on a background with the Hex color AA6CC7.

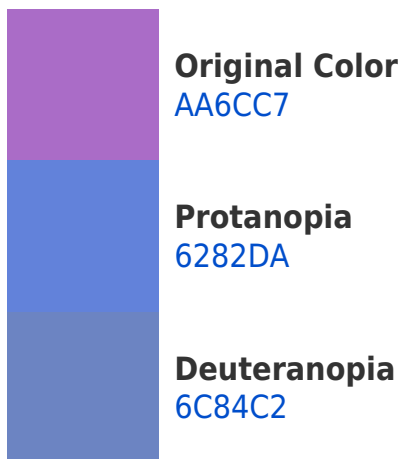


This preview shows how white text looks on a background with the Hex color AA6CC7.

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](#).

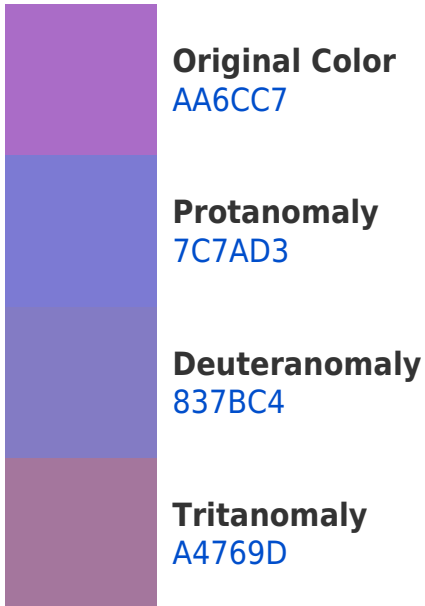
Dichromacy



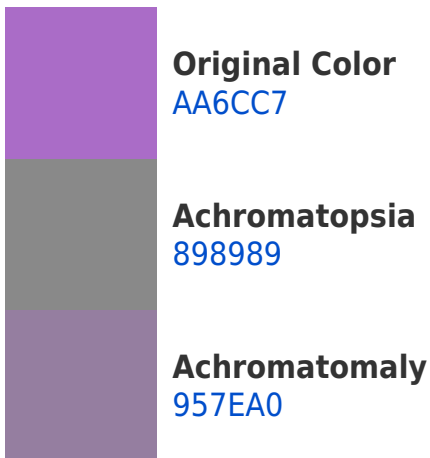


Tritanopia
A07B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA6CC7 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 #AA6CC7 looks like.

```
.text, #text, p{  
    color:#AA6CC7  
}
```

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 #AA6CC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA6CC7  
}
```

Border

The CSS property to change the border of an element to Hex AA6CC7 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  
#AA6CC7 }
```

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

```
.border{ border-color:#AA6CC7 }
```

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

Here you see how a box with a 4 pixel #AA6CC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA6CC7; -webkit-box-shadow:4px 4px  
4px 4px #AA6CC7; box-shadow:4px 4px 4px  
4px #AA6CC7 }
```

Background

The CSS property to change the background color of an element to Hex AA6CC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA6CC7 }
```

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

```
.background{ background-color:#AA6CC7 }
```

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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