

Converting Colors

Hex(AA00A0)

Have a look what the booklet for
Hex(AA00A0) contains.

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Color

Hex(AA00A0)

Conversions

Conversions Part 1

Format	Color
Hex	AA00A0
RGB	170, 0, 160
RGB Percent	67%, 0%, 63%
CMY	0.3333, 1.0000, 0.3725
CMYK	0.00, 1.00, 0.06, 0.33
HSL	304°, 100%, 33%
HSV	304°, 100%, 67%
XYZ	22.9227, 11.0841, 34.1890
YIQ	69.0700, 49.9600, 85.8000

Conversions

Conversions Part 2

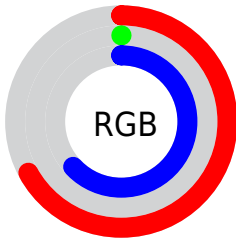
Format	Color
R_{YB}	170, 0, 160
Decimal	11141280
CIE _{Lab}	39.72, 71.05, -39.87
CIE _{LCh}	40, 81.468, 330.703
Yxy	11.0841, 0.3361, 0.1625
Android (android.graphics.Color)	4289331360 (0xFFAA00A0)
YUV	69.0700, 44.8285, 88.5156
Hunter-Lab	33.2928, 64.6382, -37.5810

Details

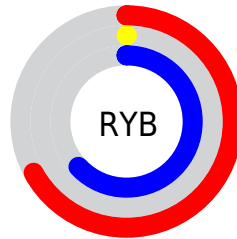
The Hex color **AA00A0** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00AA0A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **E553D7**, and **71006C** is the 20% darker color. If you saturate the color by 10%, you get **AA00A0**, and if you desaturate by 10%, it is **AA11A1**.

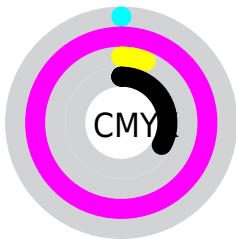
Distribution



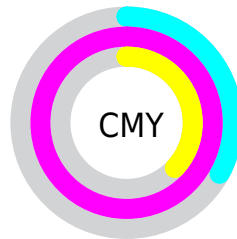
- Red (67%)
- Green (0%)
- Blue (63%)



- Red (67%)
- Yellow (0%)
- Blue (63%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA00A0 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 AA00A0 by changing the saturation by 10% instead.

■ AA00A0

■ AA00A0

FFFFFF

■ 8D0085

■ E553D7

■ 71006C

■ FF71F4

■ 550053

■ FF8EFF

■ 3C003B

■ FFABFF

■ 1E0024

■ FFC8FF

■ 00000C

■ FFE5FF

■ 000000

■ AA00A0

■ AA11A1

■ AA22A2

■ AA33A3

■ AA44A4

■ AA55A5

■ AA66A6

■ AA77A7

■ AA88A8

■ AA99A9

Harmonies

Analogous

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



4B4AD2



AA00A0



CA005F

Triad

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



AA00A0



725C00



0078A1

Complementary

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



AA00A0



00AA0A

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.



00775D



AA00A0



296C00

Square

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



AA00A0



A43D00



007410



0074D3

Rectangle

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



AA00A0



CA0034



007410



00788B

Sweetspot

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



AA00A0



DE9BDA



0900AA



70486E



F0F0F0



707070

Same Dimension

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



AA00A0



DE00D1



AA004C



544C54



94008B



140013

Inverse Universe

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



AA00A0



DE00D1



00AA5D



544C54



94008B



140013

Previews

White Background



This preview shows how the Hex color AA00A0 looks on a white background.

Color Contrast Check

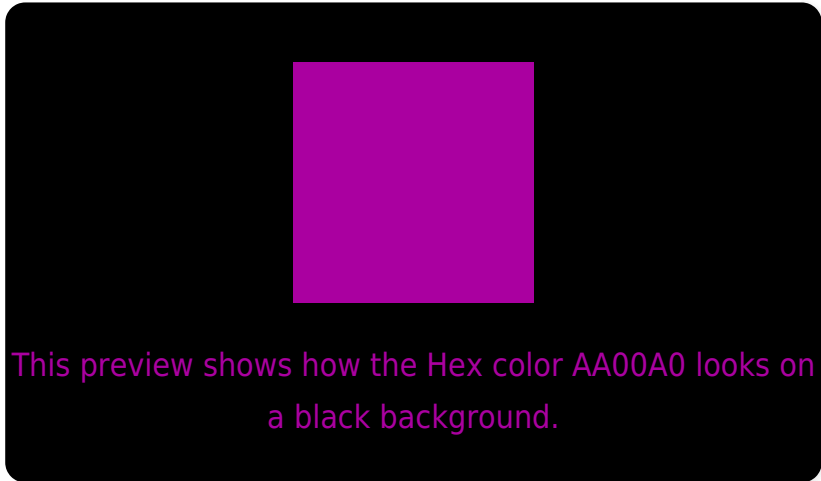
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

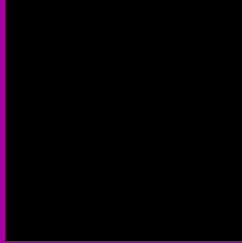
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex AA00A0 Background



This preview shows how black text looks on a background with the Hex color AA00A0.

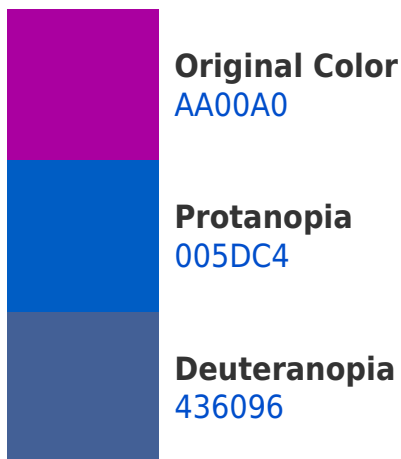


This preview shows how white text looks on a background with the Hex color AA00A0.

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
A13F43

Trichromacy



Original Color
AA00A0



Protanomaly
3E3BB7



Deuteranomaly
683D9A



Tritanomaly
A42865

Monochromacy



Original Color
AA00A0



Achromatopsia
454545



Achromatomaly
6A2C66

CSS Examples

Text

The CSS property to change the color of the text to Hex AA00A0 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 #AA00A0 looks like.

```
.text, #text, p{  
    color:#AA00A0  
}
```

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 #AA00A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA00A0
}
```

Border

The CSS property to change the border of an element to Hex AA00A0 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
#AA00A0 }
```

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

```
.border{ border-color:#AA00A0 }
```

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

Here you see how a box with a 4 pixel #AA00A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA00A0; -webkit-box-shadow:4px 4px  
4px 4px #AA00A0; box-shadow:4px 4px 4px  
4px #AA00A0 }
```

Background

The CSS property to change the background color of an element to Hex AA00A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA00A0 }
```

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

```
.background{ background-color:#AA00A0 }
```

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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