

Converting Colors

Hex(A200AE)

Have a look what the booklet for
Hex(A200AE) contains.

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Color

Hex(A200AE)

Conversions

Conversions Part 1

Format	Color
Hex	A200AE
RGB	162, 0, 174
RGB Percent	64%, 0%, 68%
CMY	0.3647, 1.0000, 0.3176
CMYK	0.07, 1.00, 0.00, 0.32
HSL	296°, 100%, 34%
HSV	296°, 100%, 68%
XYZ	22.5403, 10.7374, 40.9289
YIQ	68.2740, 40.6980, 88.4580

Conversions

Conversions Part 2

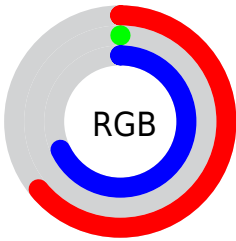
Format	Color
RYB	162, 0, 174
Decimal	10617006
CIELab	39.13, 71.84, -49.28
CIElCh	39, 87.117, 325.550
Yxy	10.7374, 0.3038, 0.1447
Android (android.graphics.Color)	4288807086 (0xFFA200AE)
YUV	68.2740, 52.1229, 82.1977
Hunter-Lab	32.7679, 65.4420, -51.1189

Details

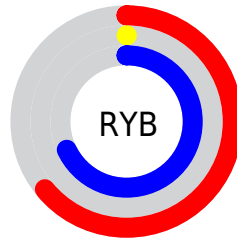
The Hex color **A200AE** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0CAE00**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **DD53E6**, and **690079** is the 20% darker color. If you saturate the color by 10%, you get **A200AE**, and if you desaturate by 10%, it is **A311AE**.

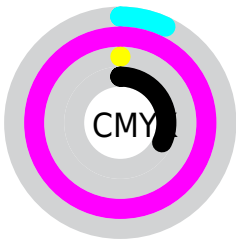
Distribution



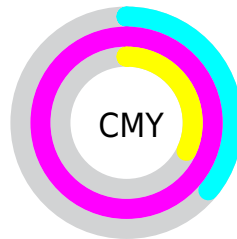
- Red (64%)
- Green (0%)
- Blue (68%)



- Red (64%)
- Yellow (0%)
- Blue (68%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)



- Cyan (36%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color A200AE 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 A200AE by changing the saturation by 10% instead.

 A200AE

 A200AE

FFFFFF

 850093

 DD53E6

 690079

 FB70FF

 4D005F

 FF8DFF

 340047

 FFAAFF

 13002F

 FFC7FF

 000119

 FFE4FF

 000000

 A200AE

 A311AE

 A423AE

 A634AE

 A746AE

 A857AE

 A968AE

 AA7AAE

 AC8BAE

 AD9DAE

Harmonies

Analogous

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



004FDF



A200AE



CC006A

Triad

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



A200AE



7A5600



007798

Complementary

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



A200AE



0CAE00

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.



00764F



A200AE



326900

Square

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



A200AE



AD2E00



007200



0075D3

Rectangle

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



A200AE



D0003C



007200



007781

Sweetspot

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



A200AE



DE9FE3



000EAE



704973



F2F2F2



737373

Same Dimension

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



A200AE



D300E3



AE0065



564E57



8C0096



150017

Inverse Universe

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



AE000C



E30010



00AE49



574E4F



96000A



170002

Previews

White Background



This preview shows how the Hex color A200AE looks on a white background.

Color Contrast Check

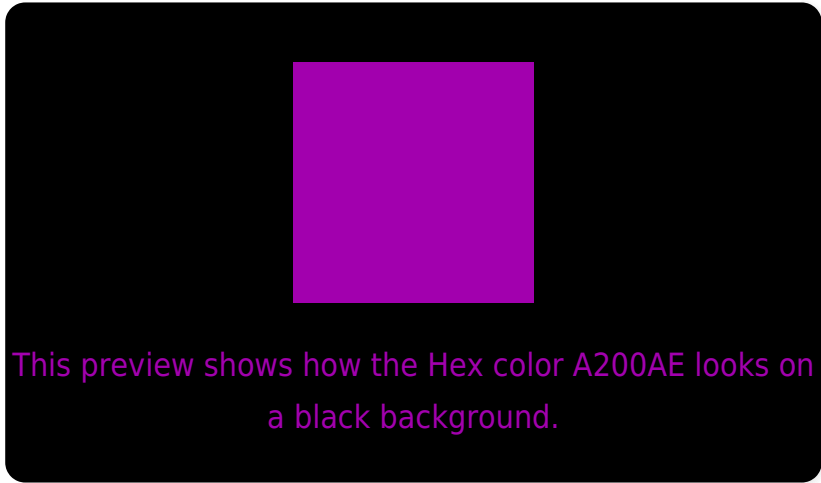
Large Text (above 18pt) WCAG AA ✓ Pass

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

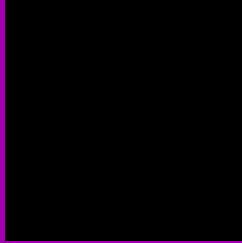
Any Text WCAG AA × Fail

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 A200AE Background



This preview shows how black text looks on a background with the Hex color A200AE.

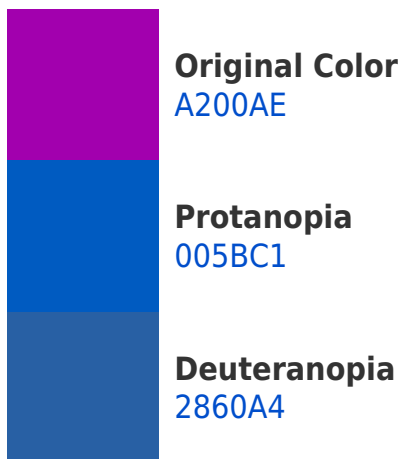



This preview shows how white text looks on a background with the Hex color A200AE.

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
964449

Trichromacy



Original Color
A200AE



Protanomaly
3B3ABA



Deuteranomaly
543DA8



Tritanomaly
9A2B6E

Monochromacy



Original Color
A200AE



Achromatopsia
444444



Achromatomaly
662B6B

CSS Examples

Text

The CSS property to change the color of the text to Hex A200AE 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 #A200AE looks like.

```
.text, #text, p{  
    color:#A200AE  
}
```

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 #A200AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A200AE }  
}
```

Border

The CSS property to change the border of an element to Hex A200AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

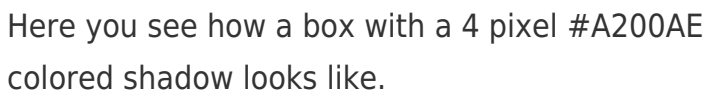
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #A200AE }  
}
```

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

```
.border{ border-color:#A200AE }
```

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



Here you see how a box with a 4 pixel #A200AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A200AE; -webkit-box-shadow:4px 4px  
4px 4px #A200AE; box-shadow:4px 4px 4px  
4px #A200AE }
```

Background

The CSS property to change the background color of an element to Hex A200AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A200AE }
```

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

```
.background{ background-color:#A200AE }
```

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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