

Converting Colors

Hex(A800C5)

Have a look what the booklet for
Hex(A800C5) contains.

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Color

Hex(A800C5)

Conversions

Conversions Part 1

Format	Color
Hex	A800C5
RGB	168, 0, 197
RGB Percent	66%, 0%, 77%
CMY	0.3412, 1.0000, 0.2275
CMYK	0.15, 1.00, 0.00, 0.23
HSL	291°, 100%, 39%
HSV	291°, 100%, 77%
XYZ	26.2265, 12.3560, 53.8260
YIQ	72.6900, 36.8910, 96.8830

Conversions

Conversions Part 2

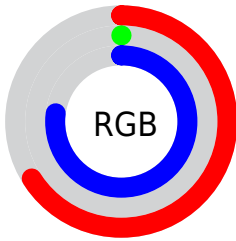
Format	Color
RYB	168, 0, 197
Decimal	11010245
CIELab	41.78, 76.48, -58.52
CIElCh	42, 96.302, 322.575
Yxy	12.3560, 0.2838, 0.1337
Android (android.graphics.Color)	4289200325 (0xFFA800C5)
YUV	72.6900, 61.2848, 83.5869
Hunter-Lab	35.1512, 71.6653, -66.1833

Details

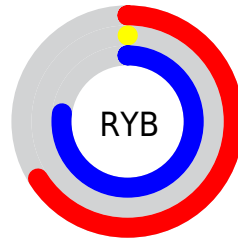
The Hex color **A800C5** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **1DC500**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **E355FF**, and **6E008E** is the 20% darker color. If you saturate the color by 10%, you get **A800C5**, and if you desaturate by 10%, it is **AB14C5**.

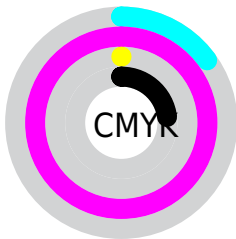
Distribution



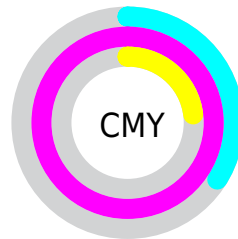
- Red (66%)
- Green (0%)
- Blue (77%)



- Red (66%)
- Yellow (0%)
- Blue (77%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (34%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color A800C5 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 A800C5 by changing the saturation by 10% instead.

 A800C5

 A800C5

FFFFFF

 8B00A9

 E355FF

 6E008E

 FF73FF

 510074

 FF90FF

 36005A

 FFADFF

 150042

 FFCBFF

 00032A

 FFE9FF

 000115

 000000

 A800C5

 AB14C5

 AE27C5

 B13BC5

 B44FC5

 B763C5

 B976C5

 BC8AC5

 BF9EC5

 C2B1C5

Harmonies

Analogous

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



0058F9



A800C5



DD007A

Triad

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



A800C5



895900



00809E

Complementary

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



A800C5



1DC500

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.



007E4C



A800C5



3C7000

Square

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



A800C5



C02400



007A00



007FE2

Rectangle

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



A800C5



E30046



007A00



008083

Sweetspot

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



A800C5



F4B3FF



001EC5



795280



000000



808080

Same Dimension

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



A800C5



D900FF



C50080



625A63



8B00A3



1E0024

Inverse Universe

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



C5001D



FF0026



00C545



635A5B



A30018



240005

Previews

White Background



This preview shows how the Hex color A800C5 looks on a white background.

Color Contrast Check

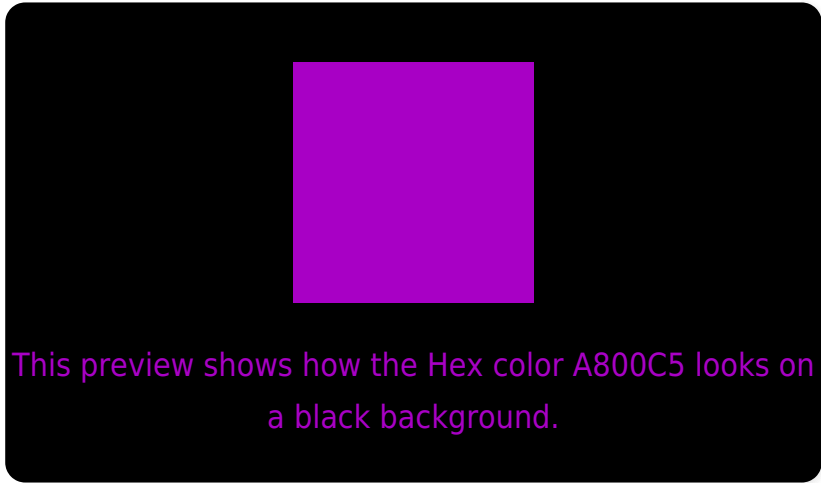
Large Text (above 18pt) WCAG AA ✓ Pass

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

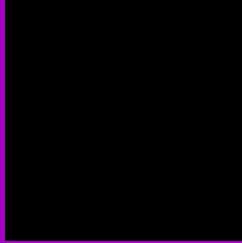
Any Text WCAG AA × Fail

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 A800C5 Background



This preview shows how black text looks on a background with the Hex color A800C5.



This preview shows how white text looks on a background with the Hex color A800C5.

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



Original Color
A800C5

Protanopia
0061CD

Deuteranopia
0067B5



Tritanopia
994D53

Trichromacy



Original Color
A800C5



Protanomaly
3D3ECA



Deuteranomaly
3D42BB



Tritanomaly
9E317C

Monochromacy



Original Color
A800C5



Achromatopsia
494949



Achromatomaly
6C2E76

CSS Examples

Text

The CSS property to change the color of the text to Hex A800C5 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 #A800C5 looks like.

```
.text, #text, p{  
    color:#A800C5  
}
```

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 #A800C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A800C5
}
```

Border

The CSS property to change the border of an element to Hex A800C5 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
#A800C5 }
```

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

```
.border{ border-color:#A800C5 }
```

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

Here you see how a box with a 4 pixel #A800C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A800C5; -webkit-box-shadow:4px 4px  
4px 4px #A800C5; box-shadow:4px 4px 4px  
4px #A800C5 }
```

Background

The CSS property to change the background color of an element to Hex A800C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A800C5 }
```

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

```
.background{ background-color:#A800C5 }
```

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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