

Converting Colors

Hex(A800E6)

Have a look what the booklet for
Hex(A800E6) contains.

Hex(A800E6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(A800E6)

Conversions

Conversions Part 1

Format	Color
Hex	A800E6
RGB	168, 0, 230
RGB Percent	66%, 0%, 90%
CMY	0.3412, 1.0000, 0.0980
CMYK	0.27, 1.00, 0.00, 0.10
HSL	284°, 100%, 45%
HSV	284°, 100%, 90%
XYZ	30.4314, 14.0380, 75.9686
YIQ	76.4520, 26.2980, 107.1460

Conversions

Conversions Part 2

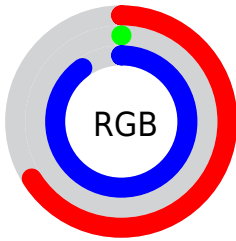
Format	Color
RYB	168, 0, 230
Decimal	11010278
CIELab	44.29, 82.20, -73.44
CIELCh	44, 110.228, 318.219
Yxy	14.0380, 0.2527, 0.1166
Android (android.graphics.Color)	4289200358 (0xFFA800E6)
YUV	76.4520, 75.6992, 80.2876
Hunter-Lab	37.4673, 79.4119, -93.9891

Details

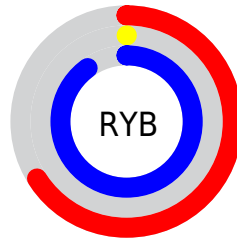
The Hex color **A800E6** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **3EE600**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **E558FF**, and **6C00AD** is the 20% darker color. If you saturate the color by 10%, you get **A800E6**, and if you desaturate by 10%, it is **AE17E6**.

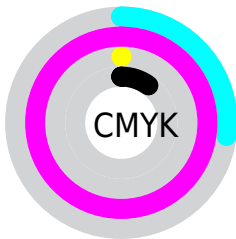
Distribution



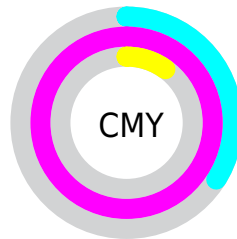
- Red (66%)
- Green (0%)
- Blue (90%)



- Red (66%)
- Yellow (0%)
- Blue (90%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (34%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color A800E6 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 A800E6 by changing the saturation by 10% instead.

 A800E6

 A800E6

FFFFFF

 8A00C9

 E558FF

 6C00AD

 FF76FF

 4E0092

 FF93FF

 2D0077

 FFB1FF

 00005D

 FFCEFF

 000044

 FFECFF

 00032D

 000117

 000000

 A800E6

 AE17E6

 B42EE6

 BB45E6

 C15CE6

 C773E6

 CD8AE6

 D3A1E6

 DAB8E6

 E0CFE6

Harmonies

Analogous

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



0064FF



A800E6



F00091

Triad

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



A800E6



9D5800



0089A1

Complementary

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



A800E6



3EE600

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.



008740



A800E6



497500

Square

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



A800E6



D90000



008200



0089F4

Rectangle

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



A800E6



FC0055



008200



008881

Sweetspot

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



A800E6



EAB3FF



0041E6



735280



000000



808080

Same Dimension

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



A800E6



BA00FF



E600B4



706773



8200B3



250033

Inverse Universe

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



E6003E



FF0045



00E632



73676A



B30030



33000E

Previews

White Background



This preview shows how the Hex color A800E6 looks on a white background.

Color Contrast Check

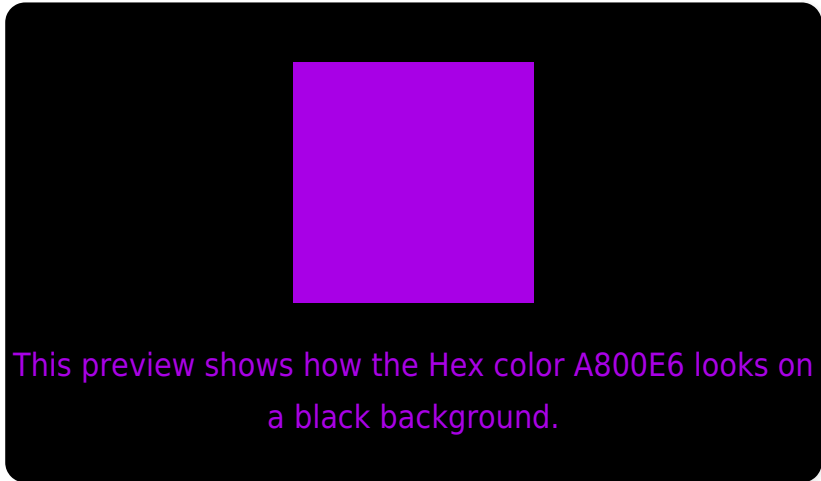
Large Text (above 18pt) WCAG AA ✓ Pass

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 A800E6 Background



This preview shows how black text looks on a background with the Hex color A800E6.



This preview shows how white text looks on a background with the Hex color A800E6.

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
A800E6

Deuteranopia
006DBC

Tritanopia
935A61

Trichromacy



Original Color
A800E6



Deuteranomaly
3D45CB



Tritanomaly
9B3991

Monochromacy



Original Color
A800E6



Achromatopsia
4C4C4C



Achromatomaly
6D3084

CSS Examples

Text

The CSS property to change the color of the text to Hex A800E6 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 #A800E6 looks like.

```
.text, #text, p{  
    color:#A800E6  
}
```

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 #A800E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A800E6
}
```

Border

The CSS property to change the border of an element to Hex A800E6 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
#A800E6 }
```

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

```
.border{ border-color:#A800E6 }
```

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

Here you see how a box with a 4 pixel #A800E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A800E6; -webkit-box-shadow:4px 4px  
4px 4px #A800E6; box-shadow:4px 4px 4px  
4px #A800E6 }
```

Background

The CSS property to change the background color of an element to Hex A800E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A800E6 }
```

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

```
.background{ background-color:#A800E6 }
```

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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