

Converting Colors

Hex(A000E3)

Have a look what the booklet for
Hex(A000E3) contains.

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Color

Hex(A000E3)

Conversions

Conversions Part 1

Format	Color
Hex	A000E3
RGB	160, 0, 227
RGB Percent	63%, 0%, 89%
CMY	0.3725, 1.0000, 0.1098
CMYK	0.30, 1.00, 0.00, 0.11
HSL	282°, 100%, 45%
HSV	282°, 100%, 89%
XYZ	28.3623, 13.0196, 73.6912
YIQ	73.7180, 22.4930, 104.5170

Conversions

Conversions Part 2

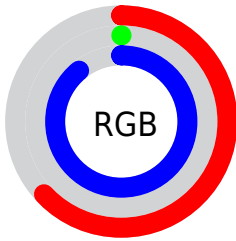
Format	Color
R_{YB}	160, 0, 227
Decimal	10485987
CIE _{Lab}	42.79, 80.70, -74.23
CIE _{LCh}	43, 109.650, 317.393
Yxy	13.0196, 0.2465, 0.1131
Android (android.graphics.Color)	4288676067 (0xFFA000E3)
YUV	73.7180, 75.5680, 75.6693
Hunter-Lab	36.0827, 77.1627, -95.8292

Details

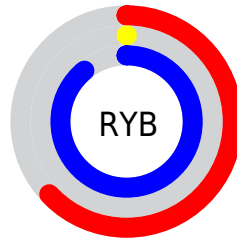
The Hex color **A000E3** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **43E300**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **DC56FF**, and **6400AA** is the 20% darker color. If you saturate the color by 10%, you get **A000E3**, and if you desaturate by 10%, it is **A717E3**.

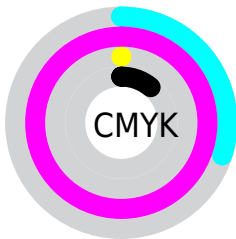
Distribution



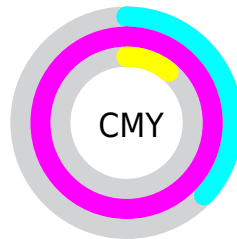
- Red (63%)
- Green (0%)
- Blue (89%)



- Red (63%)
- Yellow (0%)
- Blue (89%)



- Cyan (30%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (37%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color A000E3 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 A000E3 by changing the saturation by 10% instead.

 A000E3

 A000E3

FFFFFF

 8200C6

 DC56FF

 6400AA

 FB74FF

 45008F

 FF91FF

 230074

 FFAEFF

 00005B

 FFC0FF

 000242

 FFEAFF

 00032B

 000115

 000000

 A000E3

 A717E3

 AD2DE3

 B444E3

 BB5BE3

 C272E3

 C888E3

 CF9FE3

 D6B6E3

 DCCCE3

Harmonies

Analogous

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



0062FF



A000E3



EA008F

Triad

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



A000E3



9B5300



00859A

Complementary

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



A000E3



43E300

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.



008239



A000E3



487100

Square

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



A000E3



D50000



007D00



0085ED

Rectangle

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



A000E3



F60054



007D00



00847A

Sweetspot

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



A000E3



E8B3FF



0044E3



725280



000000



808080

Same Dimension

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



A000E3



B400FF



E300B6



6F6773



7E00B3



240033

Inverse Universe

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



E30043



FF004B



00E32D



73676B



B30035



33000F

Previews

White Background



This preview shows how the Hex color A000E3 looks on a white background.

Color Contrast Check

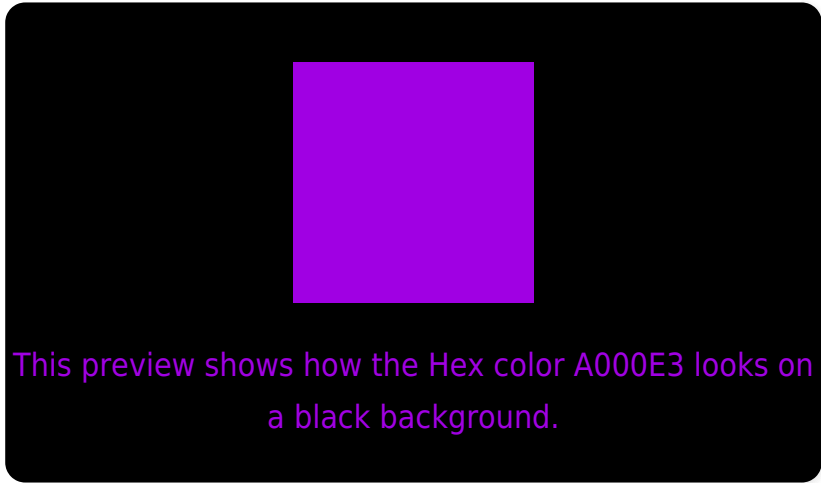
Large Text (above 18pt) WCAG AA ✓ Pass

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

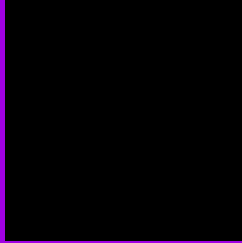
Any Text WCAG AA × Fail

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 A000E3 Background



This preview shows how black text looks on a background with the Hex color A000E3.



This preview shows how white text looks on a background with the Hex color A000E3.

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
A000E3

Protanopia
0063D1

Deuteranopia
0069B5



Tritanopia
8A595F

Trichromacy



Original Color
A000E3



Protanomaly
3A3FD8



Deuteranomaly
3A43C6



Tritanomaly
92398F

Monochromacy



Original Color
A000E3



Achromatopsia
4A4A4A



Achromatomaly
692F82

CSS Examples

Text

The CSS property to change the color of the text to Hex A000E3 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 #A000E3 looks like.

```
.text, #text, p{  
    color:#A000E3  
}
```

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 #A000E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A000E3
}
```

Border

The CSS property to change the border of an element to Hex A000E3 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".

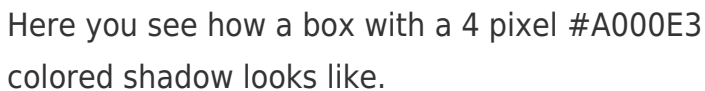
```
.border, #border, table{ border:4px solid
#A000E3 }
```

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

```
.border{ border-color:#A000E3 }
```

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

Here you see how a box with a 4 pixel #A000E3 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A000E3; -webkit-box-shadow:4px 4px  
4px 4px #A000E3; box-shadow:4px 4px 4px  
4px #A000E3 }
```

Background

The CSS property to change the background color of an element to Hex A000E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A000E3 }
```

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

```
.background{ background-color:#A000E3 }
```

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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