

Converting Colors

Hex(0000AD)

Have a look what the booklet for
Hex(0000AD) contains.

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Color

Hex(0000AD)

Conversions

Conversions Part 1

Format	Color
Hex	0000AD
RGB	0, 0, 173
RGB Percent	0%, 0%, 68%
CMY	1.0000, 1.0000, 0.3216
CMYK	1.00, 1.00, 0.00, 0.32
HSL	240°, 100%, 34%
HSV	240°, 100%, 68%
XYZ	7.5428, 3.0171, 39.7200
YIQ	19.7220, -55.5330, 53.8030

Conversions

Conversions Part 2

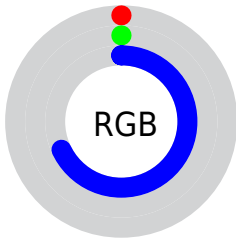
Format	Color
RYB	0, 0, 173
Decimal	173
CIELab	20.11, 59.21, -80.64
CIElCh	20, 100.044, 306.287
Yxy	3.0171, 0.1500, 0.0600
Android (android.graphics.Color)	4278190253 (0xFF0000AD)
YUV	19.7220, 75.5661, -17.2962
Hunter-Lab	17.3699, 47.1158, -123.4204

Details

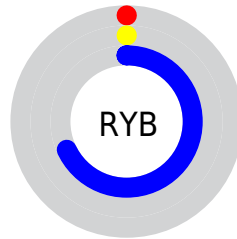
The Hex color **0000AD** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **ADAD00**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **613AE6**, and **000077** is the 20% darker color. If you saturate the color by 10%, you get **0000AD**, and if you desaturate by 10%, it is **1111AD**.

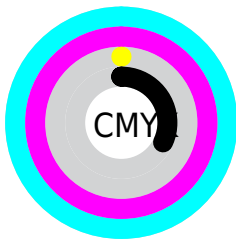
Distribution



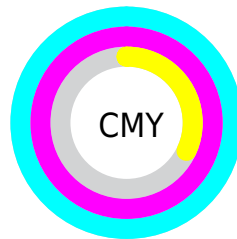
- Red (0%)
- Green (0%)
- Blue (68%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0000AD 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 0000AD by changing the saturation by 10% instead.

 0000AD

 0000AD

 FFF9FF

 000092

 613AE6

 000077

 8154FF

 00015D

 A06EFF

 000844

 BF88FF

 00032D

 DDA4FF

 000117

 FCBFFF

 000000

 FFDCCF

 0000AD

■ 1111AD

■ 2323AD

■ 3434AD

■ 4545AD

■ 5757AD

■ 6868AD

■ 7979AD

■ 8A8AAD

■ 9C9CAD

Harmonies

Analogous

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



003DCC



0000AD



8A006E

Triad

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



0000AD



680400



00453F

Complementary

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



0000AD



ADAD00

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.



004300



0000AD



2F3400

Square

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



0000AD



900000



003F00



004889

Rectangle

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



0000AD



9E003E



003F00



004425

Sweetspot

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



0000AD



9D9DE0



00ADAD



484870



F0F0F0



707070

Same Dimension

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



0000AD



0000E0



5700AD



4E4E57



000096



000017

Inverse Universe

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



AD00AD



E000E0



57AD00



574E57



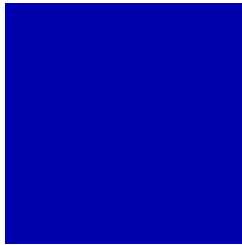
960096



170017

Previews

White Background



This preview shows how the Hex color 0000AD looks on a white background.

Color Contrast Check

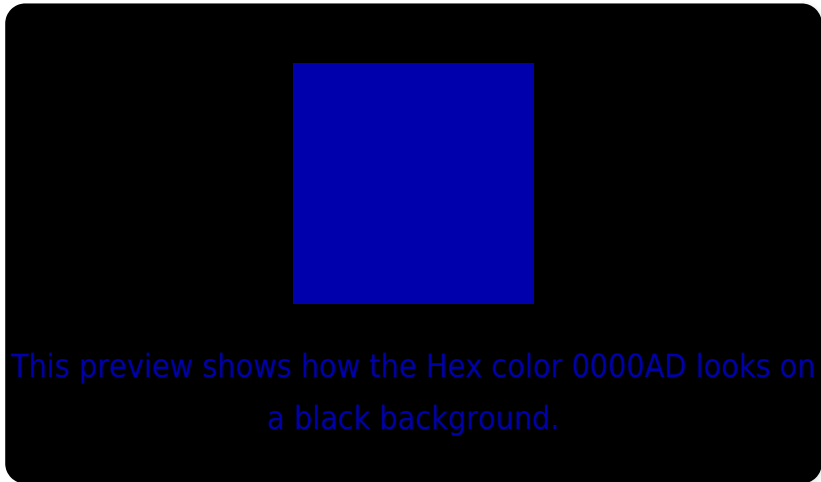
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

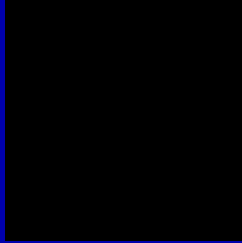
Any Text WCAG AA × Fail

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 0000AD Background



This preview shows how black text looks on a background with the Hex color 0000AD.



This preview shows how white text looks on a background with the Hex color 0000AD.

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
0000AD

Protanopia
00336A

Deuteranopia
00365A



Tritanopia
003A3D

Trichromacy



Original Color
0000AD

Protanomaly
002082

Deuteranomaly
002278

Tritanomaly
002566

Monochromacy



Original Color
0000AD

Achromatopsia
141414

Achromatomaly
0D0D4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0000AD 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 #0000AD looks like.

```
.text, #text, p{  
    color:#0000AD  
}
```

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 #0000AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0000AD
}
```

Border

The CSS property to change the border of an element to Hex 0000AD 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
#0000AD }
```

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

```
.border{ border-color:#0000AD }
```

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

Here you see how a box with a 4 pixel #0000AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0000AD; -webkit-box-shadow:4px 4px  
4px 4px #0000AD; box-shadow:4px 4px 4px  
4px #0000AD }
```

Background

The CSS property to change the background color of an element to Hex 0000AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0000AD }
```

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

```
.background{ background-color:#0000AD }
```

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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