

Converting Colors

Hex(000AB5)

Have a look what the booklet for
Hex(000AB5) contains.

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Color

Hex(000AB5)

Conversions

Conversions Part 1

Format	Color
Hex	000AB5
RGB	0, 10, 181
RGB Percent	0%, 4%, 71%
CMY	1.0000, 0.9608, 0.2902
CMYK	1.00, 0.94, 0.00, 0.29
HSL	237°, 100%, 35%
HSV	237°, 100%, 71%
XYZ	8.4490, 3.5533, 43.9566
YIQ	26.5040, -60.8510, 51.0610

Conversions

Conversions Part 2

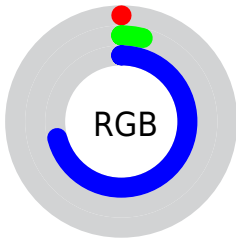
Format	Color
RYB	0, 9, 181
Decimal	2741
CIELab	22.14, 58.77, -82.06
CIELCh	22, 100.936, 305.608
Yxy	3.5533, 0.1510, 0.0635
Android (android.graphics.Color)	4278192821 (0xFF000AB5)
YUV	26.5040, 76.1665, -23.2440
Hunter-Lab	18.8501, 47.0197, -125.0631

Details

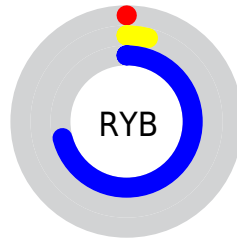
The Hex color **000AB5** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **B5AB00**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6341EE**, and **00007E** is the 20% darker color. If you saturate the color by 10%, you get **000AB5**, and if you desaturate by 10%, it is **121BB5**.

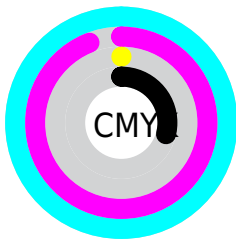
Distribution



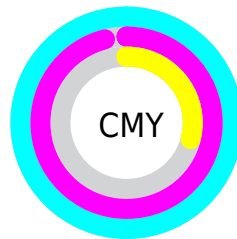
- Red (0%)
- Green (4%)
- Blue (71%)



- Red (0%)
- Yellow (4%)
- Blue (71%)



- Cyan (100%)
- Magenta (94%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (96%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000AB5 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 000AB5 by changing the saturation by 10% instead.

 000AB5

 000AB5

FFFFFF

 000099

 6341EE

 00007E

 835AFF

 000064

 A374FF

 00094B

 C18FFF

 000433

 E0AFFF

 00021D

 FFC6FF

 000000

 FFE2FF

 000AB5

 121BB5

 242CB5

 363DB5

 484EB5

 5B60B5

 6D71B5

 7F82B5

 9193B5

 A3A4B5

Harmonies

Analogous

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



0041D4



000AB5



8F0075

Triad

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



000AB5



700700



004A42

Complementary

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



000AB5



B5AB00

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.



004900



000AB5



363800

Square

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



000AB5



980000



004400



004D8E

Rectangle

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



000AB5



A50044



004400



004A28

Sweetspot

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



000AB5



A4A8EB



00B5A9



4B4D75



F5F5F5



757575

Same Dimension

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



000AB5



000DEB



4E00B5



505159



000899



00011A

Inverse Universe

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



B5000A



EB000D



67B500



595051



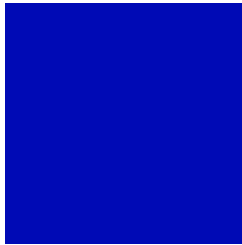
990008



1A0001

Previews

White Background



This preview shows how the Hex color 000AB5 looks on a white background.

Color Contrast Check

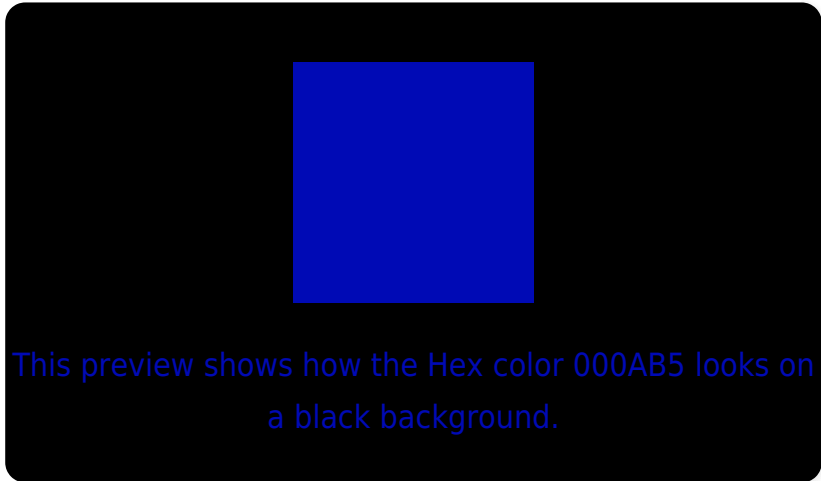
Large Text (above 18pt) WCAG AA ✓ Pass

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

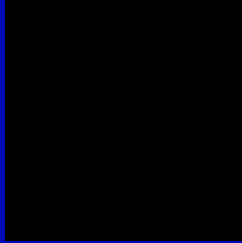
Any Text WCAG AA × Fail

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 000AB5 Background



This preview shows how black text looks on a background with the Hex color 000AB5.



This preview shows how white text looks on a background with the Hex color 000AB5.

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
000AB5

Protanopia
003570

Deuteranopia
00395F



Tritanopia
003D40

Trichromacy



Original Color
000AB5

Protanomaly
002589

Deuteranomaly
00287E

Tritanomaly
002A6B

Monochromacy



Original Color
000AB5

Achromatopsia
1B1B1B

Achromatomaly
111553

CSS Examples

Text

The CSS property to change the color of the text to Hex 000AB5 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 #000AB5 looks like.

```
.text, #text, p{  
    color:#000AB5  
}
```

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 #000AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000AB5
}
```

Border

The CSS property to change the border of an element to Hex 000AB5 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
#000AB5 }
```

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

```
.border{ border-color:#000AB5 }
```

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

Here you see how a box with a 4 pixel #000AB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000AB5; -webkit-box-shadow:4px 4px  
4px 4px #000AB5; box-shadow:4px 4px 4px  
4px #000AB5 }
```

Background

The CSS property to change the background color of an element to Hex 000AB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000AB5 }
```

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

```
.background{ background-color:#000AB5 }
```

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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