

# Converting Colors

Hex(000ABF)

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

<b>Hex(000ABF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(000ABF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	000ABF
RGB	0, 10, 191
RGB Percent	0%, 4%, 75%
CMY	1.0000, 0.9608, 0.2510
CMYK	1.00, 0.95, 0.00, 0.25
HSL	237°, 100%, 37%
HSV	237°, 100%, 75%
XYZ	9.5125, 3.9787, 49.5568
YIQ	27.6440, -64.0610, 54.1710

# Conversions

## Conversions Part 2

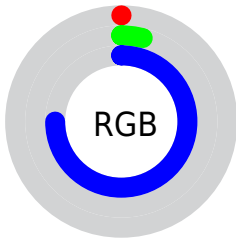
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 10, 191
Decimal	2751
CIELab	23.60, 61.45, -85.57
CIELCh	24, 105.345, 305.684
Yxy	3.9787, 0.1509, 0.0631
Android (android.graphics.Color)	4278192831 (0xFF000ABF)
YUV	27.6440, 80.5345, -24.2438
Hunter-Lab	19.9466, 50.2199, -133.3418

# Details

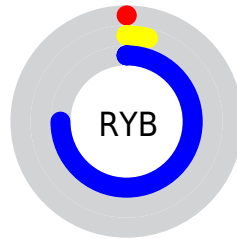
The Hex color **000ABF** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **BFB500**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **6642F9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **000ABF**, and if you desaturate by 10%, it is **131CBF**.

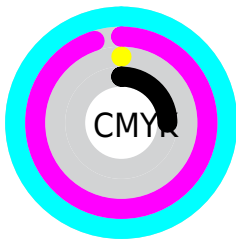
# Distribution



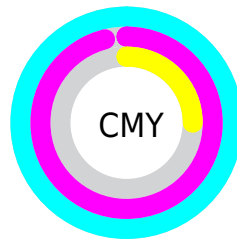
- Red (0%)
- Green (4%)
- Blue (75%)



- Red (0%)
- Yellow (4%)
- Blue (75%)



- Cyan (100%)
- Magenta (95%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (96%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



 000ABF

 000ABF

FFFFFF

 0000A3

 6642F9

 000088

 875CFF

 00006D

 A776FF

 000B54

 C691FF

 00063C

 E5ACFF

 000225

 FFC8FF

 00010D

 FFE5FF

 000000

 000ABF

■ 131CBF

■ 262EBF

■ 3940BF

■ 4C52BF

■ 6065BF

■ 7377BF

■ 8689BF

■ 999BBF

■ ACADBF

# Harmonies

## Analogous

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



0045DF



000ABF



98007C

# Triad

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



000ABF



760800



004F46

# Complementary

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



000ABF



BFB500

# 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.



004D00



000ABF



393B00

# Square

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



000ABF



A00000



004800



005196

# Rectangle

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



000ABF



AE0048



004800



004E2A



# Sweetspot

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



000ABF



ADB1F7



00BFB2



50527D



FCFCFC



7D7D7D



# Same Dimension

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



000ABF



000DF7



5300BF



55555E



00089E



00021F



# Inverse Universe

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



BF000A



F7000D



6CBF00



5E5555



9E0008

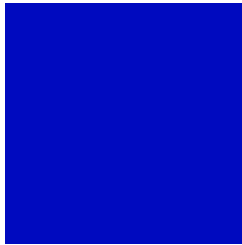


1F0002



# Previews

## White Background



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

## Color Contrast Check

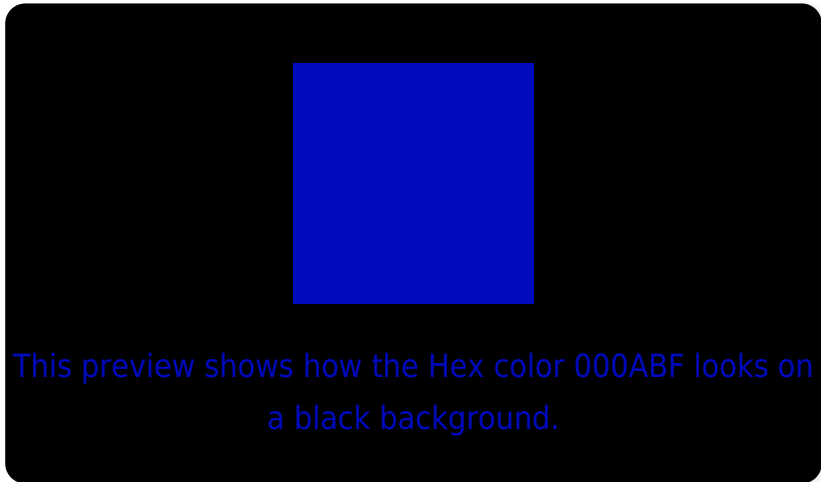
Large Text (above 18pt) WCAG AA ✓ Pass

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

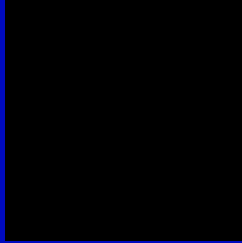
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 000ABF Background



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



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

# 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**  
000ABF

**Protanopia**  
003876

**Deuteranopia**  
003C64



# Trichromacy



**Original Color**  
000ABF

**Protanomaly**  
002791

**Deuteranomaly**  
002A85

**Tritanomaly**  
002D70

# Monochromacy



**Original Color**  
000ABF

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
121557

# CSS Examples

## Text

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

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

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 #000ABF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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