

# Converting Colors

Hex(003AD0)

Have a look what the booklet for  
Hex(003AD0) contains.

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# Color

**Hex(003AD0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	003AD0
RGB	0, 58, 208
RGB Percent	0%, 23%, 82%
CMY	1.0000, 0.7725, 0.1843
CMYK	1.00, 0.72, 0.00, 0.18
HSL	223°, 100%, 41%
HSV	223°, 100%, 82%
XYZ	12.8982, 7.5802, 60.4578
YIQ	57.7580, -82.7180, 34.3540

# Conversions

## Conversions Part 2

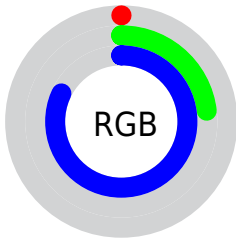
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 45, 208
Decimal	15056
CIELab	33.09, 45.33, -79.74
CIELCh	33, 91.728, 299.619
Yxy	7.5802, 0.1594, 0.0937
Android (android.graphics.Color)	4278205136 (0xFF003AD0)
YUV	57.7580, 74.0693, -50.6538
Hunter-Lab	27.5321, 35.4423, -110.9225

# Details

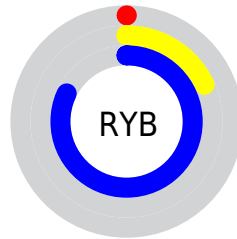
The Hex color **003AD0** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D09600**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **686AFF**, and **001098** is the 20% darker color. If you saturate the color by 10%, you get **003AD0**, and if you desaturate by 10%, it is **1549D0**.

# Distribution



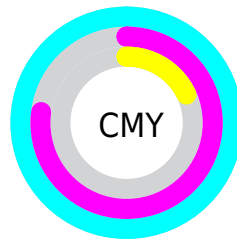
- Red (0%)
- Green (23%)
- Blue (82%)



- Red (0%)
- Yellow (18%)
- Blue (82%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (77%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 003AD0 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 003AD0 by changing the saturation by 10% instead.



 003AD0

 003AD0

FFFFFF

 0024B4

 686AFF

 001098

 8883FF

 00007D

 A89DFF

 000463

 C7B8FF

 00094A

 E6D4FF

 000433

 FFF1FF

 00021D

 000000

 003AD0

■ 1549D0

■ 2A58D0

■ 3E67D0

■ 5376D0

■ 6885D0

■ 7D94D0

■ 92A3D0

■ A6B2D0

■ BBC1D0

# Harmonies

## Analogous

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



005BE4



003AD0



9D0099

# Triad

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



003AD0



962200



00664B

# Complementary

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



003AD0



D09600

# 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.



006300



003AD0



614C00

# Square

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



003AD0



BA000C



005D00



006895

# Rectangle

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



003AD0



BA006A



005D00



006531



# Sweetspot

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



003AD0



B3C8FF



00D095



525E80



000000



808080



# Same Dimension

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



003AD0



0047FF



2D00D0



5E6169



002FA8



000B29



# Inverse Universe

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



D0003A



FF0047



A3D000



695E61



A8002F



29000B



# Previews

## White Background



This preview shows how the Hex color 003AD0 looks on a white background.

## Color Contrast Check

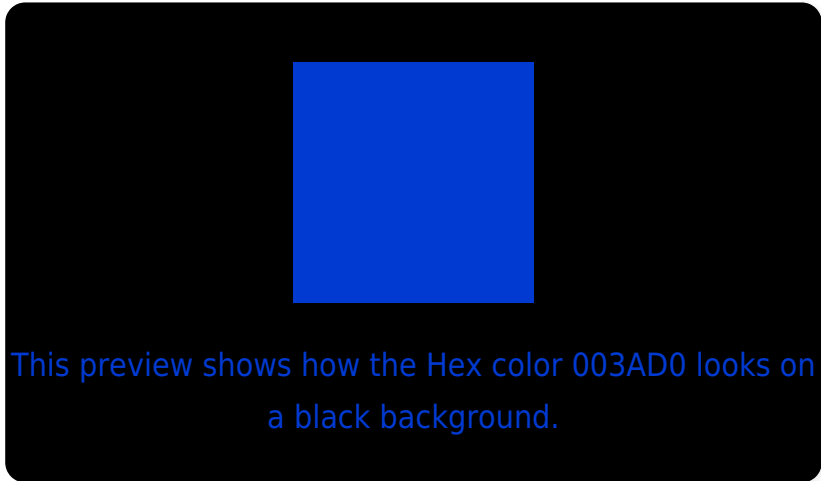
Large Text (above 18pt) WCAG AA ✓ Pass

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 003AD0 Background



This preview shows how black text looks on a background with the Hex color 003AD0.



This preview shows how white text looks on a background with the Hex color 003AD0.

# 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**  
003AD0

**Protanopia**  
004B9E

**Deuteranopia**  
005086



**Tritanopia**  
00565B

# Trichromacy



**Original Color**  
003AD0

**Protanomaly**  
0045B0

**Deuteranomaly**  
0048A1

**Tritanomaly**  
004C86

# Monochromacy



**Original Color**  
003AD0

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
253A71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 003AD0 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 #003AD0 looks like.

```
.text, #text, p{  
    color:#003AD0  
}
```

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 #003AD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003AD0
}
```

## Border

The CSS property to change the border of an element to Hex 003AD0 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
#003AD0 }
```

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

```
.border{ border-color:#003AD0 }
```

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

Here you see how a box with a 4 pixel #003AD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003AD0; -webkit-box-shadow:4px 4px  
4px 4px #003AD0; box-shadow:4px 4px 4px  
4px #003AD0 }
```

# Background

The CSS property to change the background color of an element to Hex 003AD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003AD0 }
```

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

```
.background{ background-color:#003AD0 }
```

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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