

Converting Colors

Hex(0040AD)

Have a look what the booklet for
Hex(0040AD) contains.

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Color

Hex(0040AD)

Conversions

Conversions Part 1

Format	Color
Hex	0040AD
RGB	0, 64, 173
RGB Percent	0%, 25%, 68%
CMY	1.0000, 0.7490, 0.3216
CMYK	1.00, 0.63, 0.00, 0.32
HSL	218°, 100%, 34%
HSV	218°, 100%, 68%
XYZ	9.3762, 6.6839, 40.3311
YIQ	57.2900, -73.1330, 20.3310

Conversions

Conversions Part 2

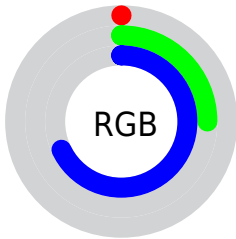
Format	Color
RYB	0, 47, 173
Decimal	16557
CIELab	31.08, 28.11, -62.47
CIELCh	31, 68.503, 294.231
Yxy	6.6839, 0.1663, 0.1185
Android (android.graphics.Color)	4278206637 (0xFF0040AD)
YUV	57.2900, 57.0450, -50.2433
Hunter-Lab	25.8533, 19.4934, -74.3951

Details

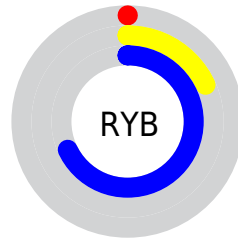
The Hex color **0040AD** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AD6D00**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5C6FE5**, and **001777** is the 20% darker color. If you saturate the color by 10%, you get **0040AD**, and if you desaturate by 10%, it is **114BAD**.

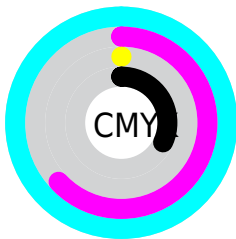
Distribution



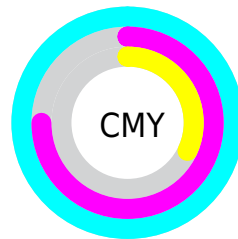
- Red (0%)
- Green (25%)
- Blue (68%)



- Red (0%)
- Yellow (18%)
- Blue (68%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (75%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0040AD 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 0040AD by changing the saturation by 10% instead.

■ 0040AD

■ 0040AD

FFFFFF

■ 002B92

■ 5C6FE5

■ 001777

■ 7A88FF

■ 00005E

■ 98A3FF

■ 000845

■ B6BEFF

■ 00042E

■ D4D9FF

■ 000118

■ F3F6FF

■ 000000

■ 0040AD

■ 114BAD

■ 2356AD

■ 3461AD

■ 456CAD

■ 5776AD

■ 6881AD

■ 798CAD

■ 8A97AD

■ 9CA2AD

Harmonies

Analogous

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



0054B6



0040AD



7C1689

Triad

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



0040AD



892600



005D3D

Complementary

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



0040AD



AD6D00

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.



005A00



0040AD



634400

Square

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



0040AD



9F0022



2F5300



005E74

Rectangle

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



0040AD



970068



2F5300



005C29

Sweetspot

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



0040AD



9DB6E0



00AD6B



485770



F0F0F0



707070

Same Dimension

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



0040AD



0053E0



1400AD



4E5157



003896



000817

Inverse Universe

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



AD0040



E00053



99AD00



574E51



960038



170008

Previews

White Background



This preview shows how the Hex color 0040AD looks on a white background.

Color Contrast Check

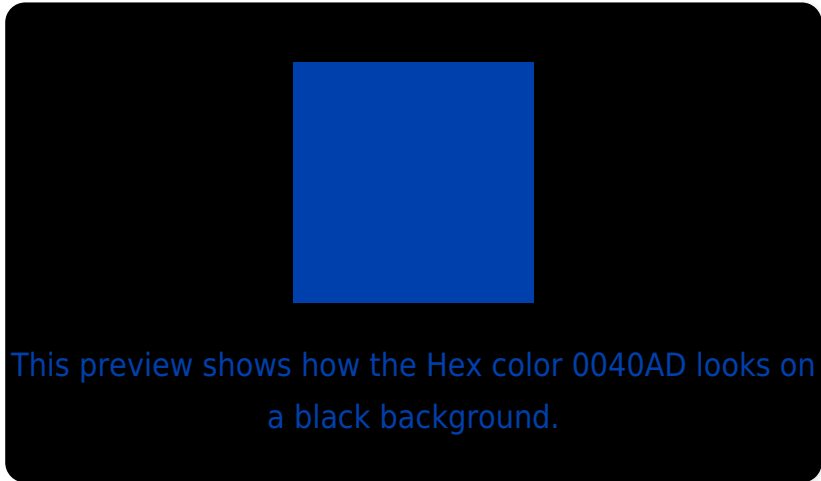
Large Text (above 18pt) WCAG AA ✓ Pass

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

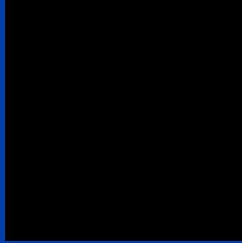
Any Text WCAG AA × Fail

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 0040AD Background



This preview shows how black text looks on a background with the Hex color 0040AD.



This preview shows how white text looks on a background with the Hex color 0040AD.

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
0040AD

Protanopia
004796

Deuteranopia
004B80

Trichromacy



Original Color
0040AD

Protanomaly
00449E

Deuteranomaly
004790

Tritanomaly
004B76

Monochromacy



Original Color
0040AD

Achromatopsia
393939

Achromatomaly
243C63

CSS Examples

Text

The CSS property to change the color of the text to Hex 0040AD 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 #0040AD looks like.

```
.text, #text, p{  
    color:#0040AD  
}
```

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 #0040AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0040AD
}
```

Border

The CSS property to change the border of an element to Hex 0040AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

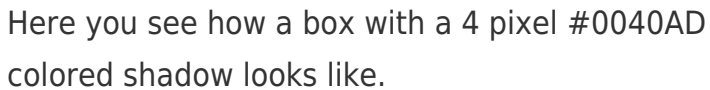
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0040AD }
```

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

```
.border{ border-color:#0040AD }
```

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



Here you see how a box with a 4 pixel #0040AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0040AD; -webkit-box-shadow:4px 4px  
4px 4px #0040AD; box-shadow:4px 4px 4px  
4px #0040AD }
```

Background

The CSS property to change the background color of an element to Hex 0040AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0040AD }
```

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

```
.background{ background-color:#0040AD }
```

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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