

Converting Colors

Hex(003CA1)

Have a look what the booklet for
Hex(003CA1) contains.

Hex(003CA1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(003CA1)

Conversions

Conversions Part 1

Format	Color
Hex	003CA1
RGB	0, 60, 161
RGB Percent	0%, 24%, 63%
CMY	1.0000, 0.7647, 0.3686
CMYK	1.00, 0.63, 0.00, 0.37
HSL	218°, 100%, 32%
HSV	218°, 100%, 63%
XYZ	8.0489, 5.8049, 34.4145
YIQ	53.5740, -68.1810, 18.6910

Conversions

Conversions Part 2

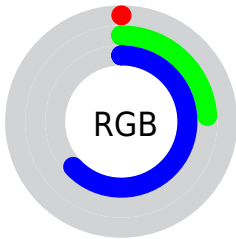
Format	Color
RYB	0, 44, 161
Decimal	15521
CIELab	28.91, 25.97, -58.80
CIELCh	29, 64.276, 293.830
Yxy	5.8049, 0.1668, 0.1203
Android (android.graphics.Color)	4278205601 (0xFF003CA1)
YUV	53.5740, 52.9610, -46.9844
Hunter-Lab	24.0934, 17.4680, -67.8230

Details

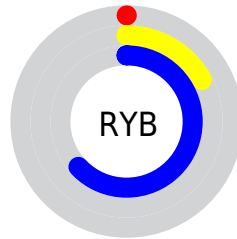
The Hex color **003CA1** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A16500**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **586BD9**, and **00146C** is the 20% darker color. If you saturate the color by 10%, you get **003CA1**, and if you desaturate by 10%, it is **1046A1**.

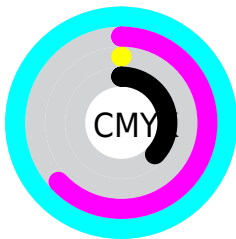
Distribution



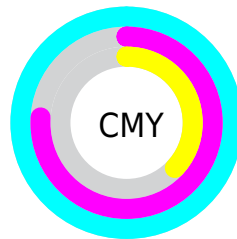
- Red (0%)
- Green (24%)
- Blue (63%)



- Red (0%)
- Yellow (17%)
- Blue (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (76%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003CA1 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 003CA1 by changing the saturation by 10% instead.

■ 003CA1

■ 003CA1

FFFFFF

■ 002786

■ 586BD9

■ 00146C

■ 7684F6

■ 000053

■ 949EFF

■ 00063B

■ B1B9FF

■ 000224

■ CFD4FF

■ 00000C

■ EDF1FF

■ 000000

■ 003CA1

■ 1046A1

■ 2050A1

■ 305AA1

■ 4064A1

■ 516EA1

■ 6179A1

■ 7183A1

■ 818DA1

■ 9197A1

Harmonies

Analogous

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



004EA9



003CA1



731780

Triad

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



003CA1



802400



005738

Complementary

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



003CA1



A16500

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.



005400



003CA1



5D3F00

Square

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



003CA1



940020



2E4D00



00586B

Rectangle

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



003CA1



8C0061



2E4D00



005626

Sweetspot

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



003CA1



92AAD1



00A163



435169



E8E8E8



696969

Same Dimension

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



003CA1



004ED1



1300A1



494C52



003691



000712

Inverse Universe

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



A1003C



D1004E



8EA100



52494C



910036



120007

Previews

White Background



This preview shows how the Hex color 003CA1 looks on a white background.

Color Contrast Check

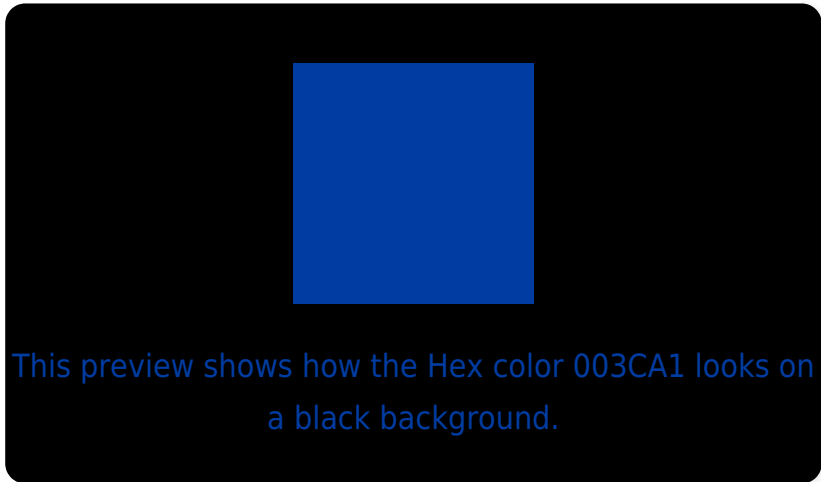
Large Text (above 18pt) WCAG AA ✓ Pass

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

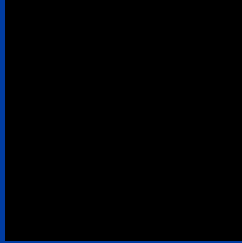
Any Text WCAG AA × Fail

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 003CA1 Background



This preview shows how black text looks on a background with the Hex color 003CA1.



This preview shows how white text looks on a background with the Hex color 003CA1.

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
003CA1

Protanopia
00428C

Deuteranopia
004678



Tritanopia
004C51

Trichromacy



Original Color
003CA1

Protanomaly
004094

Deuteranomaly
004287

Tritanomaly
00466E

Monochromacy



Original Color
003CA1

Achromatopsia
363636

Achromatomaly
22385D

CSS Examples

Text

The CSS property to change the color of the text to Hex 003CA1 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 #003CA1 looks like.

```
.text, #text, p{  
    color:#003CA1  
}
```

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 #003CA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003CA1
}
```

Border

The CSS property to change the border of an element to Hex 003CA1 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
#003CA1 }
```

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

```
.border{ border-color:#003CA1 }
```

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

Here you see how a box with a 4 pixel #003CA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003CA1; -webkit-box-shadow:4px 4px  
4px 4px #003CA1; box-shadow:4px 4px 4px  
4px #003CA1 }
```

Background

The CSS property to change the background color of an element to Hex 003CA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003CA1 }
```

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

```
.background{ background-color:#003CA1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor