

Converting Colors

Hex(003BA9)

Have a look what the booklet for
Hex(003BA9) contains.

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Color

Hex(003BA9)

Conversions

Conversions Part 1

Format	Color
Hex	003BA9
RGB	0, 59, 169
RGB Percent	0%, 23%, 66%
CMY	1.0000, 0.7686, 0.3373
CMYK	1.00, 0.65, 0.00, 0.34
HSL	219°, 100%, 33%
HSV	219°, 100%, 66%
XYZ	8.7254, 5.9925, 38.2329
YIQ	53.8990, -70.4740, 21.7020

Conversions

Conversions Part 2

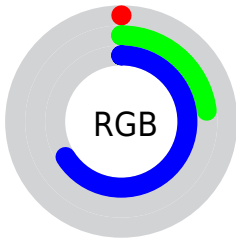
Format	Color
R _{YB}	0, 44, 169
Decimal	15273
CIE Lab	29.39, 29.89, -62.83
CIE LCh	29, 69.582, 295.443
Yxy	5.9925, 0.1648, 0.1132
Android (android.graphics.Color)	4278205353 (0xFF003BA9)
YUV	53.8990, 56.7448, -47.2694
Hunter-Lab	24.4796, 20.7845, -75.4651

Details

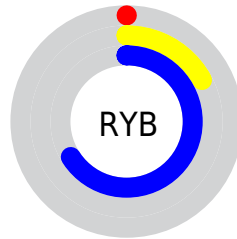
The Hex color **003BA9** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A96E00**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5B6AE1**, and **001374** is the 20% darker color. If you saturate the color by 10%, you get **003BA9**, and if you desaturate by 10%, it is **1146A9**.

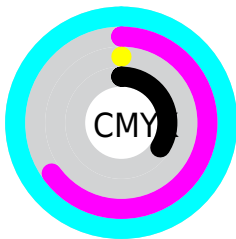
Distribution



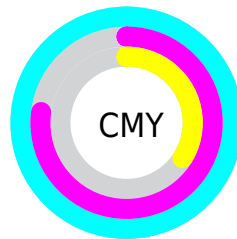
- Red (0%)
- Green (23%)
- Blue (66%)



- Red (0%)
- Yellow (17%)
- Blue (66%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (77%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003BA9 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 003BA9 by changing the saturation by 10% instead.

■ 003BA9

■ 003BA9

FFFFFF

■ 00268E

■ 5B6AE1

■ 001374

■ 7983FE

■ 00005A

■ 979DFF

■ 000742

■ B5B8FF

■ 00032B

■ D3D3FF

■ 000115

■ F1F0FF

■ 000000

■ 003BA9

■ 1146A9

■ 2251A9

■ 335CA9

■ 4467A9

■ 5472A9

■ 657DA9

■ 7688A9

■ 8793A9

■ 989EA9

Harmonies

Analogous

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



0050B3



003BA9



7A0884

Triad

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



003BA9



832300



00593B

Complementary

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



003BA9



A96E00

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.



005600



003BA9



5D4100

Square

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



003BA9



9B001C



274F00



005A73

Rectangle

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



003BA9



940062



274F00



005828

Sweetspot

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



003BA9



9AB0DB



00A96E



46546E



EDEDED



6E6E6E

Same Dimension

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



003BA9



004DDB



1900A9



4C4F54



003494



000714

Inverse Universe

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



A9003B



DB004D



90A900



544C4F



940034



140007

Previews

White Background



This preview shows how the Hex color 003BA9 looks on a white background.

Color Contrast Check

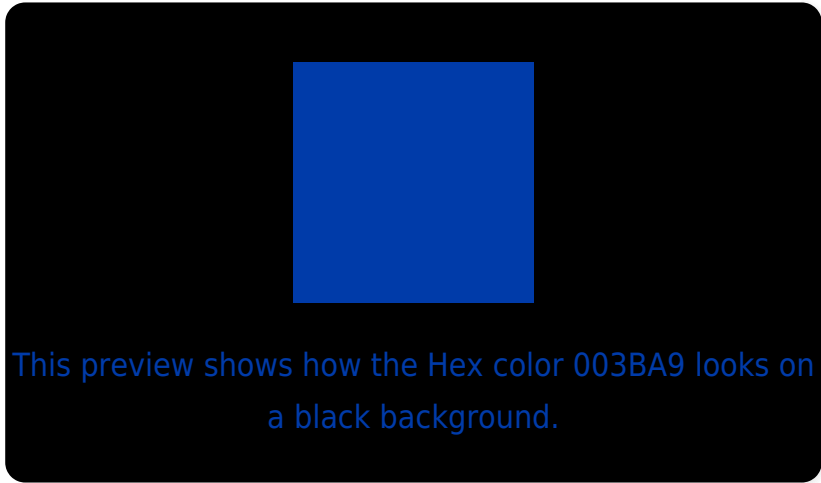
Large Text (above 18pt) WCAG AA ✓ Pass

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

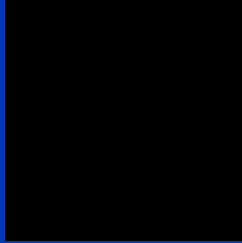
Any Text WCAG AA × Fail

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 003BA9 Background



This preview shows how black text looks on a background with the Hex color 003BA9.



This preview shows how white text looks on a background with the Hex color 003BA9.

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
003BA9

Protanopia
00438E

Deuteranopia
004879

Trichromacy



Original Color
003BA9

Protanomaly
004098

Deuteranomaly
00438A

Tritanomaly
004672

Monochromacy



Original Color
003BA9

Achromatopsia
363636

Achromatomaly
223860

CSS Examples

Text

The CSS property to change the color of the text to Hex 003BA9 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 #003BA9 looks like.

```
.text, #text, p{  
    color:#003BA9  
}
```

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 #003BA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003BA9
}
```

Border

The CSS property to change the border of an element to Hex 003BA9 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
#003BA9 }
```

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

```
.border{ border-color:#003BA9 }
```

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

Here you see how a box with a 4 pixel #003BA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003BA9; -webkit-box-shadow:4px 4px  
4px 4px #003BA9; box-shadow:4px 4px 4px  
4px #003BA9 }
```

Background

The CSS property to change the background color of an element to Hex 003BA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003BA9 }
```

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

```
.background{ background-color:#003BA9 }
```

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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