

Converting Colors

Hex(002A9C)

Have a look what the booklet for
Hex(002A9C) contains.

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Color

Hex(002A9C)

Conversions

Conversions Part 1

Format	Color
Hex	002A9C
RGB	0, 42, 156
RGB Percent	0%, 16%, 61%
CMY	1.0000, 0.8353, 0.3882
CMYK	1.00, 0.73, 0.00, 0.39
HSL	224°, 100%, 31%
HSV	224°, 100%, 61%
XYZ	6.8287, 4.0562, 31.8755
YIQ	42.4380, -61.6260, 26.5500

Conversions

Conversions Part 2

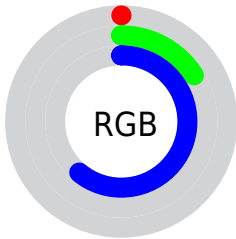
Format	Color
RYB	0, 33, 156
Decimal	10908
CIELab	23.86, 36.06, -64.08
CIElCh	24, 73.533, 299.371
Yxy	4.0562, 0.1597, 0.0949
Android (android.graphics.Color)	4278200988 (0xFF002A9C)
YUV	42.4380, 55.9861, -37.2181
Hunter-Lab	20.1401, 25.2772, -79.7396

Details

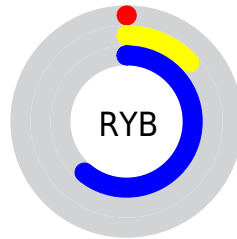
The Hex color **002A9C** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9C7200**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5858D4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **002A9C**, and if you desaturate by 10%, it is **10359C**.

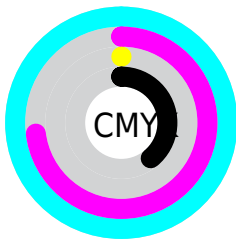
Distribution



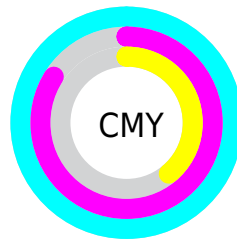
- Red (0%)
- Green (16%)
- Blue (61%)



- Red (0%)
- Yellow (13%)
- Blue (61%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (84%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002A9C 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 002A9C by changing the saturation by 10% instead.

■ 002A9C

■ 002A9C

FFFFFF

■ 001581

■ 5858D4

■ 000067

■ 7670F1

■ 00024E

■ 948AFF

■ 000536

■ B2A4FF

■ 000220

■ CFBFFF

■ 000004

■ EDDBFF

■ 000000

■ FFF8FF

■ 002A9C

■ 10359C

■ 1F419C

■ 2F4C9C

■ 3E589C

■ 4E639C

■ 5E6E9C

■ 6D7A9C

■ 7D859C

■ 8C919C

Harmonies

Analogous

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



0043AB



002A9C



750072

Triad

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



002A9C



701700



004B36

Complementary

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



002A9C



9C7200

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.



004900



002A9C



483700

Square

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



002A9C



8B0003



004400



004D6F

Rectangle

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



002A9C



8B004F



004400



004B22

Sweetspot

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



002A9C



8F9FCC



009C70



414B66



E6E6E6



666666

Same Dimension

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



002A9C



0037CC



22009C



47494F



00268F



00040F

Inverse Universe

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



9C002A



CC0037



7A9C00



4F4749



8F0026



0F0004

Previews

White Background



This preview shows how the Hex color 002A9C looks on a white background.

Color Contrast Check

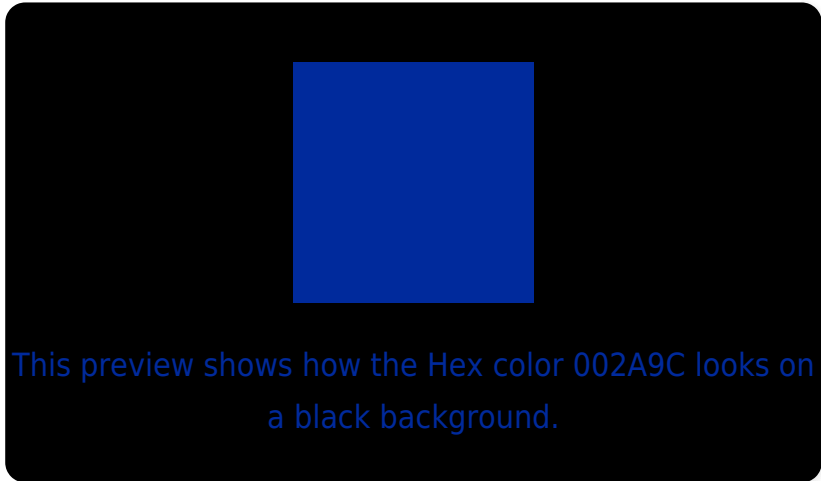
Large Text (above 18pt) WCAG AA ✓ Pass

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

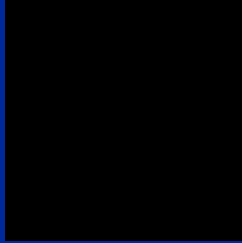
Any Text WCAG AA × Fail

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 002A9C Background



This preview shows how black text looks on a background with the Hex color 002A9C.



This preview shows how white text looks on a background with the Hex color 002A9C.

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
002A9C

Protanopia
003875

Deuteranopia
003B63

Trichromacy



Original Color
002A9C

Protanomaly
003383

Deuteranomaly
003578

Tritanomaly
003863

Monochromacy



Original Color
002A9C

Achromatopsia
2A2A2A

Achromatomaly
1B2A53

CSS Examples

Text

The CSS property to change the color of the text to Hex 002A9C 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 #002A9C looks like.

```
.text, #text, p{  
    color:#002A9C  
}
```

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 #002A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002A9C
}
```

Border

The CSS property to change the border of an element to Hex 002A9C 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
#002A9C }
```

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

```
.border{ border-color:#002A9C }
```

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

Here you see how a box with a 4 pixel #002A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002A9C; -webkit-box-shadow:4px 4px  
4px 4px #002A9C; box-shadow:4px 4px 4px  
4px #002A9C }
```

Background

The CSS property to change the background color of an element to Hex 002A9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002A9C }
```

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

```
.background{ background-color:#002A9C }
```

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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