

Converting Colors

Hex(002A92)

Have a look what the booklet for
Hex(002A92) contains.

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Color

Hex(002A92)

Conversions

Conversions Part 1

Format	Color
Hex	002A92
RGB	0, 42, 146
RGB Percent	0%, 16%, 57%
CMY	1.0000, 0.8353, 0.4275
CMYK	1.00, 0.71, 0.00, 0.43
HSL	223°, 100%, 29%
HSV	223°, 100%, 57%
XYZ	6.0163, 3.7313, 27.5972
YIQ	41.2980, -58.4160, 23.4400

Conversions

Conversions Part 2

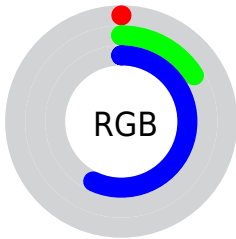
Format	Color
RYB	0, 33, 146
Decimal	10898
CIELab	22.76, 32.19, -59.74
CIELCh	23, 67.858, 298.316
Yxy	3.7313, 0.1611, 0.0999
Android (android.graphics.Color)	4278200978 (0xFF002A92)
YUV	41.2980, 51.6181, -36.2183
Hunter-Lab	19.3164, 21.7916, -71.1856

Details

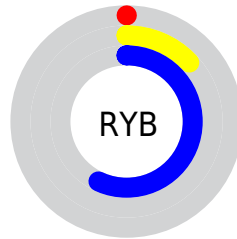
The Hex color **002A92** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **926800**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **5557C9**, and **00005E** is the 20% darker color. If you saturate the color by 10%, you get **002A92**, and if you desaturate by 10%, it is **0F3492**.

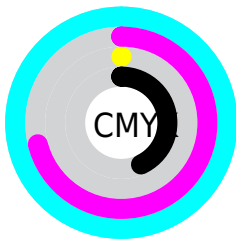
Distribution



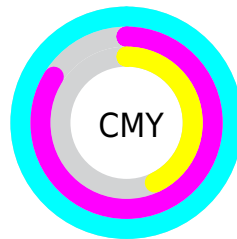
- Red (0%)
- Green (16%)
- Blue (57%)



- Red (0%)
- Yellow (13%)
- Blue (57%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (84%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002A92 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 002A92 by changing the saturation by 10% instead.

■ 002A92

■ 002A92

FFFFFF

■ 001678

■ 5557C9

■ 00005E

■ 7270E6

■ 000745

■ 8F89FF

■ 00042E

■ ADA4FF

■ 000119

■ CABFFF

■ 000000

■ E8DBFF

■ FFF7FF

■ 002A92

■ 0F3492

■ 1D3F92

■ 2C4992

■ 3A5492

■ 495E92

■ 586892

■ 667392

■ 757D92

■ 838892

Harmonies

Analogous

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



00409F



002A92



6C006D

Triad

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



002A92



6B1700



004832

Complementary

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



002A92



926800

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.



004600



002A92



463400

Square

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



002A92



830008



0A4000



004966

Rectangle

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



002A92



81004C



0A4000



004720

Sweetspot

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



002A92



8494BD



009266



3C465E



DEDEDE



5E5E5E

Same Dimension

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



002A92



0036BD



1D0092



43454A



00288A



00030A

Inverse Universe

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



92002A



BD0036



759200



4A4345



8A0028



0A0003

Previews

White Background



This preview shows how the Hex color 002A92 looks on a white background.

Color Contrast Check

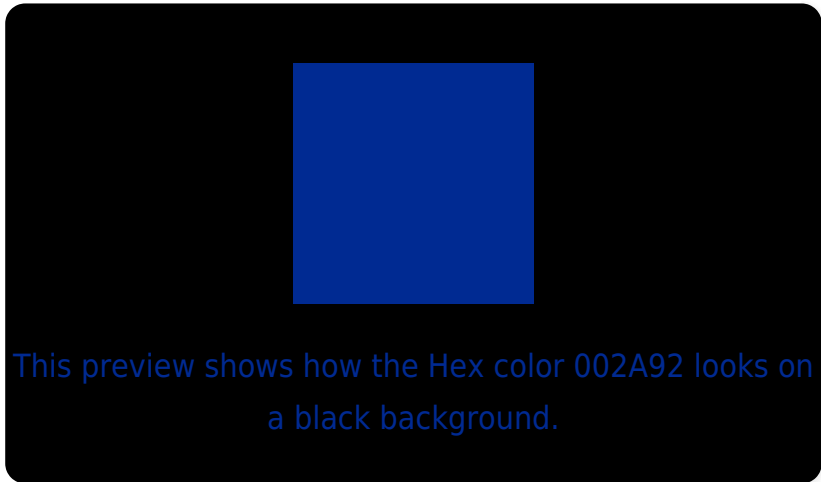
Large Text (above 18pt) WCAG AA ✓ Pass

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

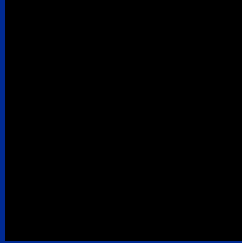
Any Text WCAG AA × Fail

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 002A92 Background



This preview shows how black text looks on a background with the Hex color 002A92.



This preview shows how white text looks on a background with the Hex color 002A92.

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
002A92

Protanopia
003570

Deuteranopia
003960



Tritanopia
003D41

Trichromacy



Original Color
002A92

Protanomaly
00317C

Deuteranomaly
003472

Tritanomaly
00365E

Monochromacy



Original Color
002A92

Achromatopsia
292929

Achromatomaly
1A294F

CSS Examples

Text

The CSS property to change the color of the text to Hex 002A92 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 #002A92 looks like.

```
.text, #text, p{  
    color:#002A92  
}
```

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 #002A92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002A92
}
```

Border

The CSS property to change the border of an element to Hex 002A92 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
#002A92 }
```

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

```
.border{ border-color:#002A92 }
```

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

Here you see how a box with a 4 pixel #002A92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002A92; -webkit-box-shadow:4px 4px  
4px 4px #002A92; box-shadow:4px 4px 4px  
4px #002A92 }
```

Background

The CSS property to change the background color of an element to Hex 002A92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002A92 }
```

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

```
.background{ background-color:#002A92 }
```

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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