

Converting Colors

Hex(002B94)

Have a look what the booklet for
Hex(002B94) contains.

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Color

Hex(002B94)

Conversions

Conversions Part 1

Format	Color
Hex	002B94
RGB	0, 43, 148
RGB Percent	0%, 17%, 58%
CMY	1.0000, 0.8314, 0.4196
CMYK	1.00, 0.71, 0.00, 0.42
HSL	223°, 100%, 29%
HSV	223°, 100%, 58%
XYZ	6.2092, 3.8659, 28.4359
YIQ	42.1130, -59.3330, 23.5390

Conversions

Conversions Part 2

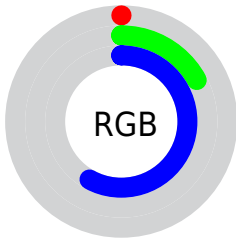
Format	Color
RYB	0, 33, 148
Decimal	11156
CIELab	23.22, 32.31, -60.21
CIElCh	23, 68.334, 298.217
Yxy	3.8659, 0.1612, 0.1004
Android (android.graphics.Color)	4278201236 (0xFF002B94)
YUV	42.1130, 52.2023, -36.9331
Hunter-Lab	19.6618, 21.9618, -71.9849

Details

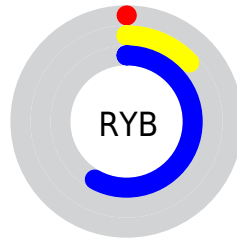
The Hex color **002B94** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **946900**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5558CB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **002B94**, and if you desaturate by 10%, it is **0F3594**.

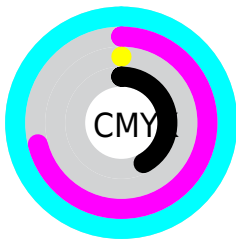
Distribution



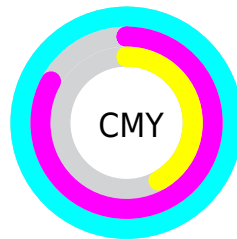
- Red (0%)
- Green (17%)
- Blue (58%)



- Red (0%)
- Yellow (13%)
- Blue (58%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (83%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002B94 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 002B94 by changing the saturation by 10% instead.

■ 002B94

■ 002B94

FFFFFF

■ 00177A

■ 5558CB

■ 000060

■ 7371E8

■ 000647

■ 908AFF

■ 000430

■ ADA5FF

■ 00011A

■ CBC0FF

■ 000000

■ E9DCFF

■ FFF8FF

■ 002B94

■ 0F3594

■ 1E4094

■ 2C4A94

■ 3B5594

■ 4A6094

■ 596A94

■ 687594

■ 767F94

■ 858A94

Harmonies

Analogous

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



0041A1



002B94



6D006E

Triad

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



002B94



6D1800



004933

Complementary

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



002B94



946900

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.



004700



002B94



483500

Square

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



002B94



85000A



0C4200



004A67

Rectangle

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



002B94



83004E



0C4200



004820

Sweetspot

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



002B94



8697BF



009468



3E4861



E0E0E0



616161

Same Dimension

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



002B94



0038BF



1E0094



43454A



00288A



00030A

Inverse Universe

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



94002B



BF0038



769400



4A4345



8A0028



0A0003

Previews

White Background



This preview shows how the Hex color 002B94 looks on a white background.

Color Contrast Check

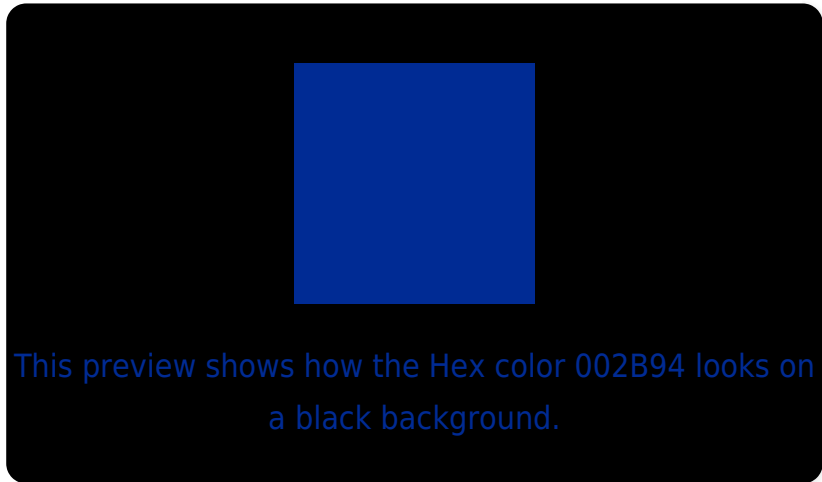
Large Text (above 18pt) WCAG AA ✓ Pass

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

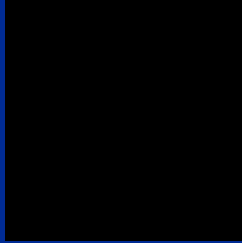
Any Text WCAG AA × Fail

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 002B94 Background



This preview shows how black text looks on a background with the Hex color 002B94.



This preview shows how white text looks on a background with the Hex color 002B94.

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
002B94

Protanopia
003672

Deuteranopia
003A61



Tritanopia
003E42

Trichromacy



Original Color
002B94

Protanomaly
00327E

Deuteranomaly
003574

Tritanomaly
003760

Monochromacy



Original Color
002B94

Achromatopsia
2A2A2A

Achromatomaly
1B2A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 002B94 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 #002B94 looks like.

```
.text, #text, p{  
    color:#002B94  
}
```

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 #002B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002B94
}
```

Border

The CSS property to change the border of an element to Hex 002B94 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
#002B94 }
```

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

```
.border{ border-color:#002B94 }
```

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

Here you see how a box with a 4 pixel #002B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002B94; -webkit-box-shadow:4px 4px  
4px 4px #002B94; box-shadow:4px 4px 4px  
4px #002B94 }
```

Background

The CSS property to change the background color of an element to Hex 002B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002B94 }
```

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

```
.background{ background-color:#002B94 }
```

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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