

Converting Colors

Hex(002B7D)

Have a look what the booklet for
Hex(002B7D) contains.

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Color

Hex(002B7D)

Conversions

Conversions Part 1

Format	Color
Hex	002B7D
RGB	0, 43, 125
RGB Percent	0%, 17%, 49%
CMY	1.0000, 0.8314, 0.5098
CMYK	1.00, 0.66, 0.00, 0.51
HSL	219°, 100%, 25%
HSV	219°, 100%, 49%
XYZ	4.5655, 3.2084, 19.7807
YIQ	39.4910, -51.9500, 16.3860

Conversions

Conversions Part 2

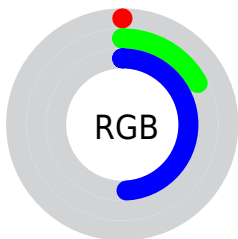
Format	Color
RYB	0, 32, 125
Decimal	11133
CIELab	20.86, 22.88, -49.72
CIELCh	21, 54.731, 294.707
Yxy	3.2084, 0.1657, 0.1164
Android (android.graphics.Color)	4278201213 (0xFF002B7D)
YUV	39.4910, 42.1559, -34.6336
Hunter-Lab	17.9121, 14.1512, -52.9368

Details

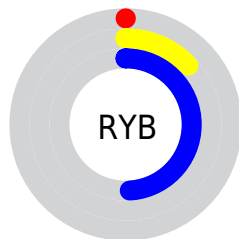
The Hex color **002B7D** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7D5200**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4D58B3**, and **00004B** is the 20% darker color. If you saturate the color by 10%, you get **002B7D**, and if you desaturate by 10%, it is **0C337D**.

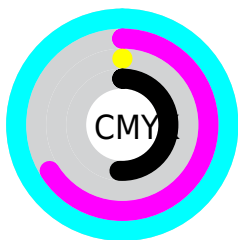
Distribution



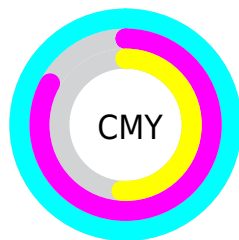
- Red (0%)
- Green (17%)
- Blue (49%)



- Red (0%)
- Yellow (13%)
- Blue (49%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (83%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002B7D 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 002B7D by changing the saturation by 10% instead.

■ 002B7D

■ 002B7D

FFFFFF

■ 001763

■ 4D58B3

■ 00004B

■ 6970CE

■ 000433

■ 868AEB

■ 00021D

■ A2A4FF

■ 000000

■ BFBFFF

■ DCDBFF

■ F9F7FF

■ 002B7D

■ 0C337D

■ 193B7D

■ 26447D

■ 324C7D

■ 3F547D

■ 4B5C7D

■ 57647D

■ 646D7D

■ 71757D

Harmonies

Analogous

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



003A84



002B7D



590A62

Triad

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



002B7D



621800



00412A

Complementary

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



002B7D



7D5200

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.



003F00



002B7D



452E00

Square

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



002B7D



720014



1E3A00



004253

Rectangle

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



002B7D



6D0048



1E3A00



00401B

Sweetspot

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



002B7D



7283A3



007D51



343E52



D1D1D1



525252

Same Dimension

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



002B7D



0038A3



13007D



393C40



002C80



000000

Inverse Universe

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



7D002B



A30038



6A7D00



40393C



80002C



000000

Previews

White Background



This preview shows how the Hex color 002B7D looks on a white background.

Color Contrast Check

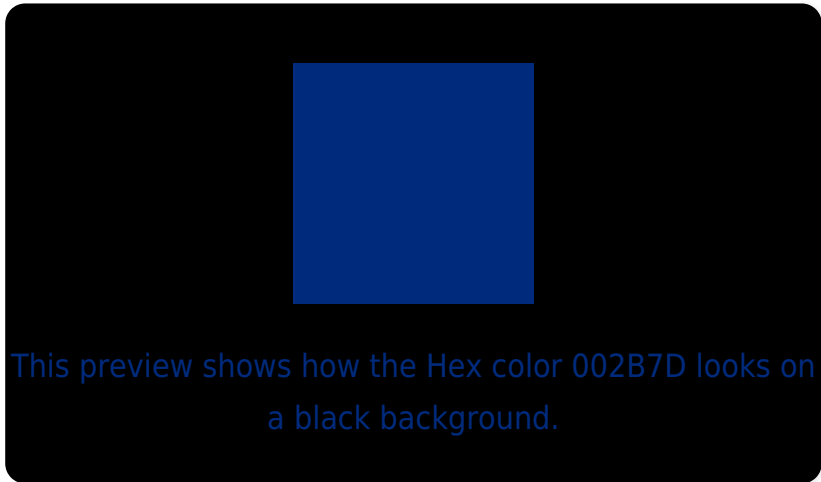
Large Text (above 18pt) WCAG AA ✓ Pass

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

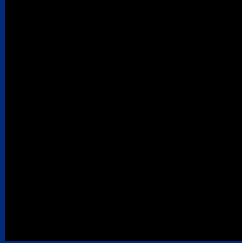
Any Text WCAG AA × Fail

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 002B7D Background



This preview shows how black text looks on a background with the Hex color 002B7D.



This preview shows how white text looks on a background with the Hex color 002B7D.

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
002B7D

Protanopia
003168

Deuteranopia
003559

Trichromacy



Original Color
002B7D

Protanomaly
002F70

Deuteranomaly
003166

Tritanomaly
003454

Monochromacy



Original Color
002B7D

Achromatopsia
272727

Achromatomaly
192846

CSS Examples

Text

The CSS property to change the color of the text to Hex 002B7D 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 #002B7D looks like.

```
.text, #text, p{  
    color:#002B7D  
}
```

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 #002B7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002B7D
}
```

Border

The CSS property to change the border of an element to Hex 002B7D 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
#002B7D }
```

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

```
.border{ border-color:#002B7D }
```

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

Here you see how a box with a 4 pixel #002B7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002B7D; -webkit-box-shadow:4px 4px  
4px 4px #002B7D; box-shadow:4px 4px 4px  
4px #002B7D }
```

Background

The CSS property to change the background color of an element to Hex 002B7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002B7D }
```

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

```
.background{ background-color:#002B7D }
```

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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