

Converting Colors

Hex(003B7A)

Have a look what the booklet for
Hex(003B7A) contains.

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Color

Hex(003B7A)

Conversions

Conversions Part 1

Format	Color
Hex	003B7A
RGB	0, 59, 122
RGB Percent	0%, 23%, 48%
CMY	1.0000, 0.7686, 0.5216
CMYK	1.00, 0.52, 0.00, 0.52
HSL	211°, 100%, 24%
HSV	211°, 100%, 48%
XYZ	5.0768, 4.5331, 19.0197
YIQ	48.5410, -55.3870, 7.0850

Conversions

Conversions Part 2

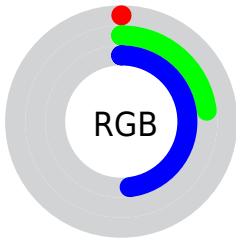
Format	Color
RYB	0, 40, 122
Decimal	15226
CIELab	25.36, 10.02, -40.49
CIELCh	25, 41.711, 283.903
Yxy	4.5331, 0.1773, 0.1583
Android (android.graphics.Color)	4278205306 (0xFF003B7A)
YUV	48.5410, 36.2153, -42.5705
Hunter-Lab	21.2910, 5.3039, -38.0614

Details

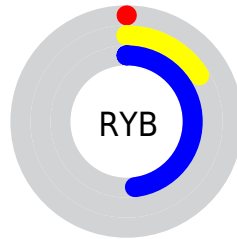
The Hex color **003B7A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7A3F00**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **4B6AAF**, and **001249** is the 20% darker color. If you saturate the color by 10%, you get **003B7A**, and if you desaturate by 10%, it is **0C417A**.

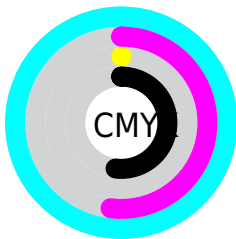
Distribution



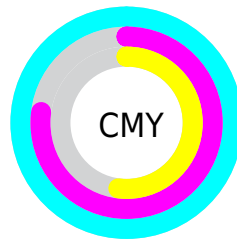
- Red (0%)
- Green (23%)
- Blue (48%)



- Red (0%)
- Yellow (16%)
- Blue (48%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (77%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003B7A 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 003B7A by changing the saturation by 10% instead.

■ 003B7A

■ 003B7A

FFFFFF

■ 002661

■ 4B6AAF

■ 001249

■ 6783CB

■ 000431

■ 839DE7

■ 00011C

■ 9FB7FF

■ 000000

■ BBD3FF

■ D8EFFF

■ F5FFFF

■ 003B7A

■ 0C417A

■ 18487A

■ 254E7A

■ 31547A

■ 3D5A7A

■ 49617A

■ 55677A

■ 626D7A

■ 6E747A

Harmonies

Analogous

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



004579



003B7A



4F2C6A

Triad

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



003B7A



6B2511



004929

Complementary

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



003B7A



7A3F00

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.



154607



003B7A



583400

Square

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



003B7A



73182F



3D3F00



004A4A

Rectangle

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



003B7A



652158



3D3F00



00481E

Sweetspot

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



003B7A



6F869E



007A3D



33404F



CFCFCF



4F4F4F

Same Dimension

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



003B7A



004C9E



00007A



373A3D



003C7D



007AFC

Inverse Universe

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



7A003B



9E004C



7A7A00



3D373A



7D003C



FC007A

Previews

White Background



This preview shows how the Hex color 003B7A looks on a white background.

Color Contrast Check

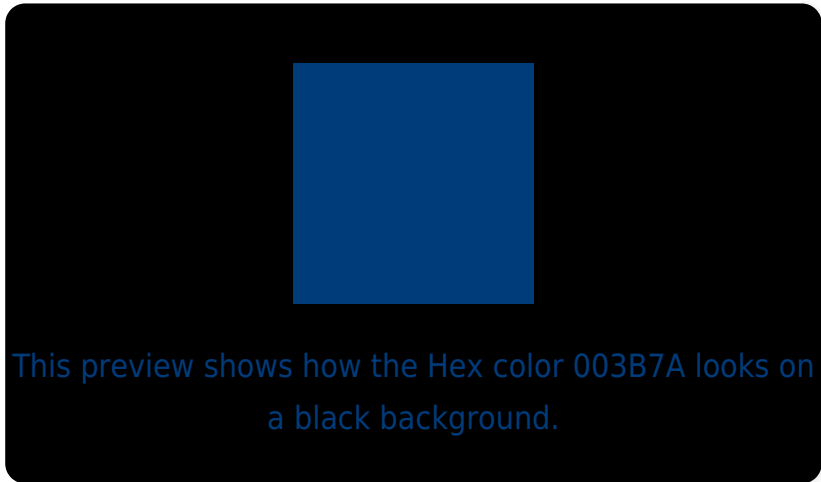
Large Text (above 18pt) WCAG AA ✓ Pass

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

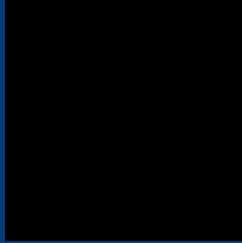
Any Text WCAG AA × Fail

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 003B7A Background



This preview shows how black text looks on a background with the Hex color 003B7A.



This preview shows how white text looks on a background with the Hex color 003B7A.

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
003B7A

Protanopia
123B79

Deuteranopia
003E6C

Trichromacy



Original Color
003B7A

Protanomaly
0B3B79

Deuteranomaly
003D71

Tritanomaly
00405A

Monochromacy



Original Color
003B7A

Achromatopsia
313131

Achromatomaly
1F354C

CSS Examples

Text

The CSS property to change the color of the text to Hex 003B7A 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 #003B7A looks like.

```
.text, #text, p{  
    color:#003B7A  
}
```

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 #003B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B7A
}
```

Border

The CSS property to change the border of an element to Hex 003B7A 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
#003B7A }
```

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

```
.border{ border-color:#003B7A }
```

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

Here you see how a box with a 4 pixel #003B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B7A; -webkit-box-shadow:4px 4px  
4px 4px #003B7A; box-shadow:4px 4px 4px  
4px #003B7A }
```

Background

The CSS property to change the background color of an element to Hex 003B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B7A }
```

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

```
.background{ background-color:#003B7A }
```

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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