

Converting Colors

Hex(003B7F)

Have a look what the booklet for
Hex(003B7F) contains.

Hex(003B7F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(003B7F)

Conversions

Conversions Part 1

Format	Color
Hex	003B7F
RGB	0, 59, 127
RGB Percent	0%, 23%, 50%
CMY	1.0000, 0.7686, 0.5020
CMYK	1.00, 0.54, 0.00, 0.50
HSL	212°, 100%, 25%
HSV	212°, 100%, 50%
XYZ	5.3947, 4.6602, 20.6939
YIQ	49.1110, -56.9920, 8.6400

Conversions

Conversions Part 2

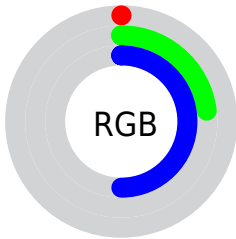
Format	Color
R_{YB}	0, 40, 127
Decimal	15231
CIE _{Lab}	25.74, 12.22, -43.02
CIE _{LCh}	26, 44.719, 285.861
Yxy	4.6602, 0.1754, 0.1516
Android (android.graphics.Color)	4278205311 (0xFF003B7F)
YUV	49.1110, 38.3993, -43.0703
Hunter-Lab	21.5876, 6.8288, -41.7241

Details

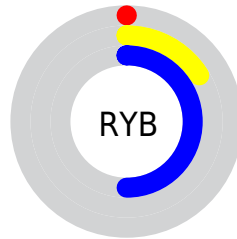
The Hex color **003B7F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7F4400**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **4C6AB4**, and **00124D** is the 20% darker color. If you saturate the color by 10%, you get **003B7F**, and if you desaturate by 10%, it is **0D427F**.

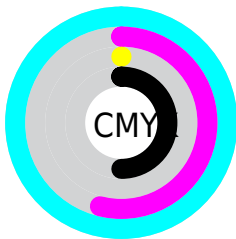
Distribution



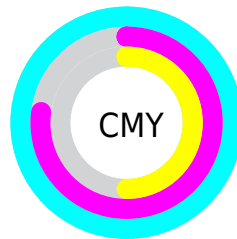
- Red (0%)
- Green (23%)
- Blue (50%)



- Red (0%)
- Yellow (16%)
- Blue (50%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (77%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003B7F 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 003B7F by changing the saturation by 10% instead.

■ 003B7F

■ 003B7F

FFFFFF

■ 002666

■ 4C6AB4

■ 00124D

■ 6983D0

■ 000536

■ 859CED

■ 00021F

■ A1B7FF

■ 000003

■ BED3FF

■ 000000

■ DBEFFF

■ F8FFFF

■ 003B7F

■ 0D427F

■ 19497F

■ 264F7F

■ 33567F

■ 405D7F

■ 4C647F

■ 596B7F

■ 66717F

■ 72787F

Harmonies

Analogous

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



00467F



003B7F



542A6D

Triad

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



003B7F



6E250C



004B2B

Complementary

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



003B7F



7F4400

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.



0B4805



003B7F



593500

Square

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



003B7F



78142D



3B4100



004C4F

Rectangle

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



003B7F



6A1D59



3B4100



004A1F

Sweetspot

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



003B7F



748BA6



007F44



364454



D4D4D4



545454

Same Dimension

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



003B7F



004DA6



04007F



393C40



003B80



000000

Inverse Universe

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



7F003B



A6004D



7B7F00



40393C



80003B



000000

Previews

White Background



This preview shows how the Hex color 003B7F looks on a white background.

Color Contrast Check

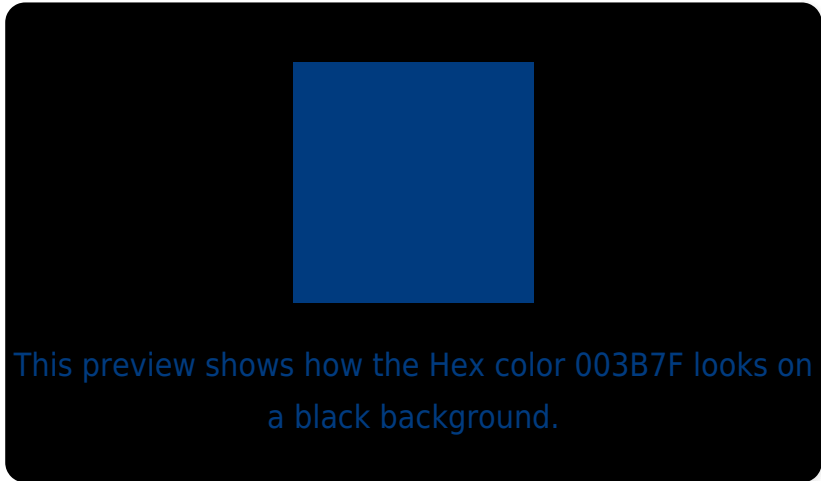
Large Text (above 18pt) WCAG AA ✓ Pass

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

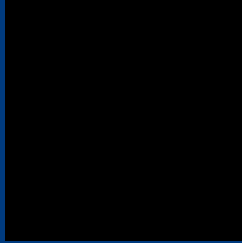
Any Text WCAG AA × Fail

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 003B7F Background



This preview shows how black text looks on a background with the Hex color 003B7F.



This preview shows how white text looks on a background with the Hex color 003B7F.

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
003B7F

Protanopia
003B7E

Deuteranopia
003F6D

Trichromacy



Original Color
003B7F

Protanomaly
003B7E

Deuteranomaly
003E74

Tritanomaly
00415D

Monochromacy



Original Color
003B7F

Achromatopsia
313131

Achromatomaly
1F354D

CSS Examples

Text

The CSS property to change the color of the text to Hex 003B7F 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 #003B7F looks like.

```
.text, #text, p{  
    color:#003B7F  
}
```

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 #003B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B7F
}
```

Border

The CSS property to change the border of an element to Hex 003B7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

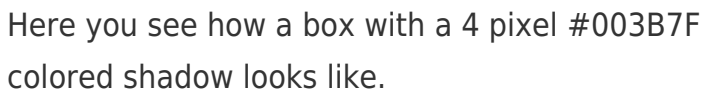
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#003B7F }
```

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

```
.border{ border-color:#003B7F }
```

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



Here you see how a box with a 4 pixel #003B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B7F; -webkit-box-shadow:4px 4px  
4px 4px #003B7F; box-shadow:4px 4px 4px  
4px #003B7F }
```

Background

The CSS property to change the background color of an element to Hex 003B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B7F }
```

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

```
.background{ background-color:#003B7F }
```

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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