Converting Colors

Hex(003F7A)

Have a look what the booklet for Hex(003F7A) contains.

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Color

Hex(003F7A)

Conversions

Conversions Part 1

Format	Color
Hex	003F7A
RGB	0, 63, 122
RGB Percent	0%, 25%, 48%
CMY	1.0000, 0.7529, 0.5216
CMYK	1.00, 0.48, 0.00, 0.52
HSL	209°, 100%, 24%
HSV	209°, 100%, 48%
XYZ	5.2904, 4.9602, 19.0909
YIQ	50.8890, -56.4870, 4.9930

Conversions

Conversions Part 2

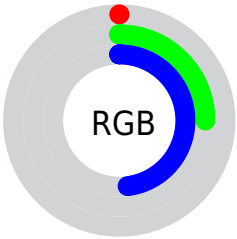
Format	Color
RYB	0, 42, 122
Decimal	16250
CIELab	26.62, 7.19, -38.46
CIELCh	27, 39.123, 280.597
Yxy	4.9602, 0.1803, 0.1690
Android (android.graphics.Color)	4278206330 (0xFF003F7A)
YUV	50.8890, 35.0577, -44.6297
Hunter-Lab	22.2714, 3.4260, -35.2331

Details

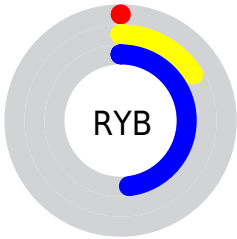
The Hex color 003F7A is a dark color, and the websafe version is hex 003366. A complement of this color would be 7A3B00, and the grayscale version is 333333.

A 20% lighter version of the original color is 4B6EAF, and 001649 is the 20% darker color. If you saturate the color by 10%, you get 003F7A, and if you desaturate by 10%, it is 0C457A.

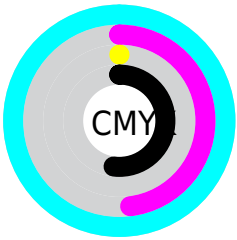
Distribution



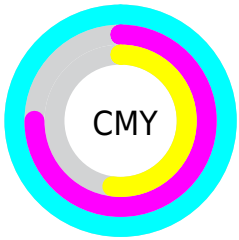
- Red (0%)
- Green (25%)
- Blue (48%)



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



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (75%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003F7A 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 003F7A by changing the saturation by 10% instead.

003F7A

FFFFFF

4B6EAF

6787CB

82A1E7

9EBCFF

BBD8FF

D8F4FF

F5FFFF

003F7A

002A61

001649

000432

00011C

000000

003F7A

0C457A

184B7A

25517A

31577A

3D5D7A

49627A

55687A

626E7A

6E747A

Harmonies

Analogous

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

004877

003F7A

4D326D

Triad

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

003F7A

6E2919

004B2A

Complementary

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

003F7A

7A3B00

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.

22480C

003F7A

5C3600

Square

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

003F7A

741F36

434100

004D49

Rectangle

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

003F7A

63285D

434100

004A20

Sweetspot

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

003F7A

6F879E

007A3B

33414F

CFCFCF

4F4F4F

Same Dimension

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

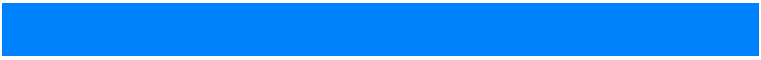
003F7A

00529E

00027A

373A3D

00417D



0082FC

Inverse Universe

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

7A003F

9E0052

7A7800

3D373A

7D0041

FC0082

Previews

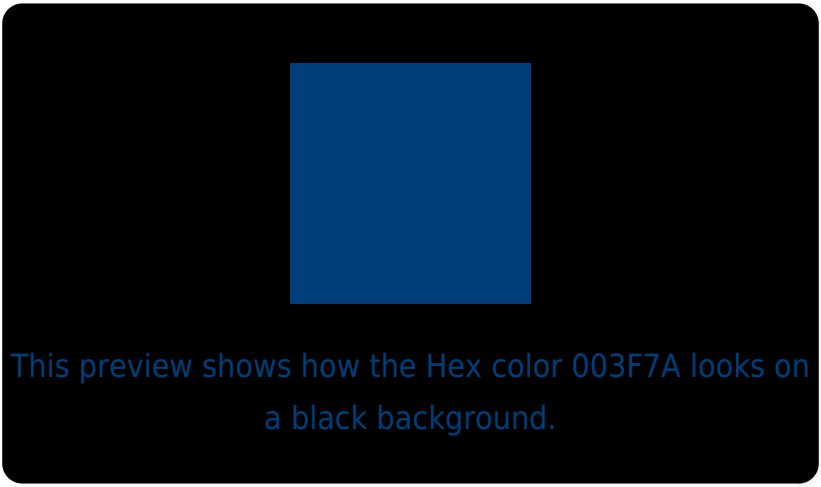
White Background

This preview shows how the Hex color 003F7A 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

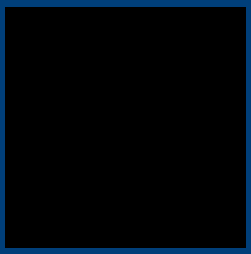


Color Contrast Check

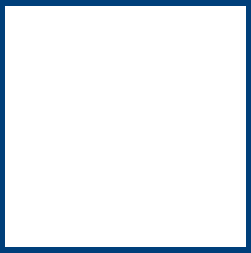
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 003F7A Background



This preview shows how black text looks on a background with the Hex color 003F7A.



This preview shows how white text looks on a background with the Hex color 003F7A.

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
003F7A

Protanopia
1F3D78

Deuteranopia
004171

Tritanopia
00474B

Trichromacy

Original Color
003F7A

Protanomaly
143E79

Deuteranomaly
004074

Tritanomaly
00445C

Monochromacy

Original Color
003F7A

Achromatopsia
333333

Achromatomaly
20374D

CSS Examples

Text

The CSS property to change the color of the text to Hex 003F7A 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 #003F7A looks like.

```
.text, #text, p{
    color:#003F7A
}
```

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 #003F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F7A }
```

Border

The CSS property to change the border of an element to Hex 003F7A 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 #003F7A }
```

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

```
.border{ border-color:#003F7A }
```

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

Here you see how a box with a 4 pixel #003F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #003F7A; -webkit-box-shadow:4px 4px 4px 4px #003F7A; box-shadow:4px 4px 4px 4px #003F7A }
```

Background

The CSS property to change the background color of an element to Hex 003F7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#003F7A }
```

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

```
.background{ background-color:#003F7A }
```

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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