

Converting Colors

Hex(002F6F)

Have a look what the booklet for
Hex(002F6F) contains.

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Color

Hex(002F6F)

Conversions

Conversions Part 1

Format	Color
Hex	002F6F
RGB	0, 47, 111
RGB Percent	0%, 18%, 44%
CMY	1.0000, 0.8157, 0.5647
CMYK	1.00, 0.58, 0.00, 0.56
HSL	215°, 100%, 22%
HSV	215°, 100%, 44%
XYZ	3.8858, 3.1807, 15.4481
YIQ	40.2430, -48.5560, 9.9400

Conversions

Conversions Part 2

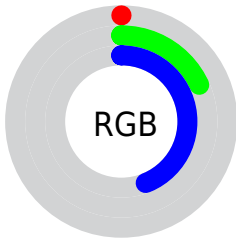
Format	Color
RYB	0, 33, 111
Decimal	12143
CIELab	20.75, 13.83, -40.94
CIELCh	21, 43.215, 288.658
Yxy	3.1807, 0.1726, 0.1413
Android (android.graphics.Color)	4278202223 (0xFF002F6F)
YUV	40.2430, 34.8832, -35.2931
Hunter-Lab	17.8346, 7.6806, -38.8719

Details

The Hex color **002F6F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6F4000**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **485CA3**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **002F6F**, and if you desaturate by 10%, it is **0B356F**.

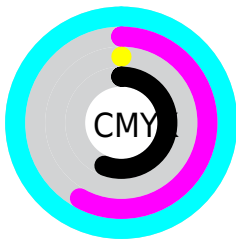
Distribution



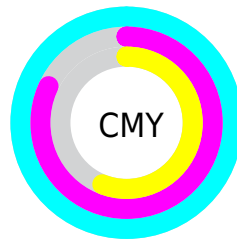
- Red (0%)
- Green (18%)
- Blue (44%)



- Red (0%)
- Yellow (13%)
- Blue (44%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (82%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002F6F 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 002F6F by changing the saturation by 10% instead.

■ 002F6F

■ 002F6F

FFFFFF

■ 001B56

■ 485CA3

■ 00003F

■ 6375BF

■ 000328

■ 7F8EDB

■ 000111

■ 9AA9F7

■ 000000

■ B6C4FF

■ D3E0FF

■ F0FCFF

■ 002F6F

■ 0B356F

■ 163C6F

■ 21426F

■ 2C496F

■ 384F6F

■ 43556F

■ 4E5C6F

■ 59626F

■ 64696F

Harmonies

Analogous

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



003971



002F6F



4B1E5C

Triad

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



002F6F



5E1C00



003F24

Complementary

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



002F6F



6F4000

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.



003C00



002F6F



482C00

Square

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



002F6F



680620



2C3600



003F45

Rectangle

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



002F6F



5E0F4A



2C3600



003E19

Sweetspot

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



002F6F



667891



006F3F



2F3B4A



C9C9C9



4A4A4A

Same Dimension

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



002F6F



003E91



07006F



323538



003378



0069F7

Inverse Universe

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



6F002F



91003E



686F00



383235



780033



F70069

Previews

White Background



This preview shows how the Hex color 002F6F looks on a white background.

Color Contrast Check

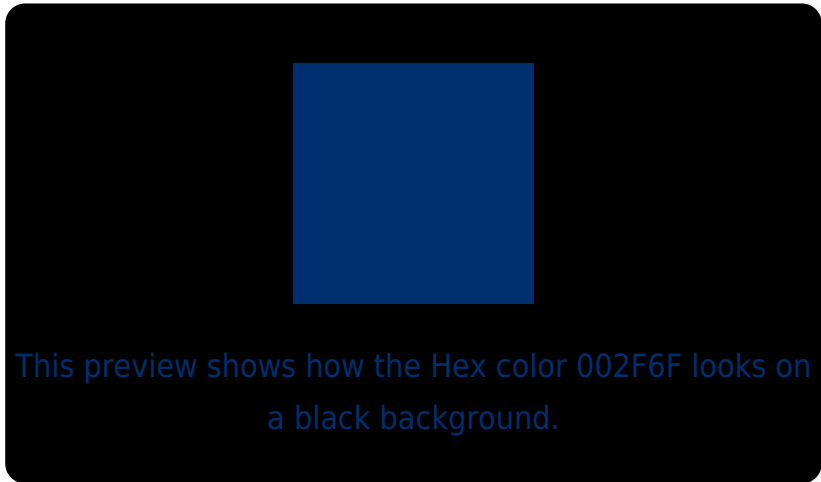
Large Text (above 18pt) WCAG AA ✓ Pass

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

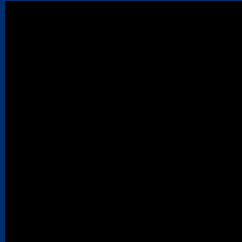
Any Text WCAG AA × Fail

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 002F6F Background



This preview shows how black text looks on a background with the Hex color 002F6F.



This preview shows how white text looks on a background with the Hex color 002F6F.

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
002F6F

Protanopia
003168

Deuteranopia
003459



Tritanopia
00383C

Trichromacy



Original Color
002F6F

Protanomaly
00306B

Deuteranomaly
003261

Tritanomaly
00354F

Monochromacy



Original Color
002F6F

Achromatopsia
282828

Achromatomaly
192B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 002F6F 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 #002F6F looks like.

```
.text, #text, p{  
    color:#002F6F  
}
```

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 #002F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002F6F
}
```

Border

The CSS property to change the border of an element to Hex 002F6F 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
#002F6F }
```

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

```
.border{ border-color:#002F6F }
```

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

Here you see how a box with a 4 pixel #002F6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002F6F; -webkit-box-shadow:4px 4px  
4px 4px #002F6F; box-shadow:4px 4px 4px  
4px #002F6F }
```

Background

The CSS property to change the background color of an element to Hex 002F6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002F6F }
```

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

```
.background{ background-color:#002F6F }
```

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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