

Converting Colors

Hex(002F71)

Have a look what the booklet for
Hex(002F71) contains.

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Color

Hex(002F71)

Conversions

Conversions Part 1

Format	Color
Hex	002F71
RGB	0, 47, 113
RGB Percent	0%, 18%, 44%
CMY	1.0000, 0.8157, 0.5569
CMYK	1.00, 0.58, 0.00, 0.56
HSL	215°, 100%, 22%
HSV	215°, 100%, 44%
XYZ	3.9972, 3.2253, 16.0347
YIQ	40.4710, -49.1980, 10.5620

Conversions

Conversions Part 2

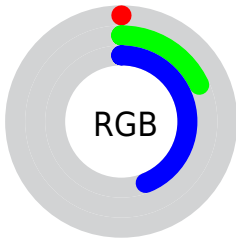
Format	Color
RYB	0, 33, 113
Decimal	12145
CIELab	20.92, 14.72, -41.95
CIELCh	21, 44.460, 289.333
Yxy	3.2253, 0.1719, 0.1387
Android (android.graphics.Color)	4278202225 (0xFF002F71)
YUV	40.4710, 35.7568, -35.4931
Hunter-Lab	17.9591, 8.3004, -40.3654

Details

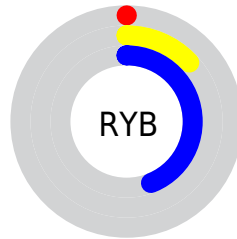
The Hex color **002F71** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **714200**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **485CA6**, and **000040** is the 20% darker color. If you saturate the color by 10%, you get **002F71**, and if you desaturate by 10%, it is **0B3671**.

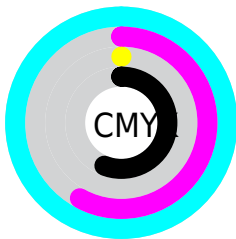
Distribution



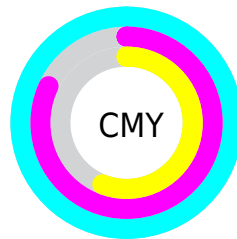
- Red (0%)
- Green (18%)
- Blue (44%)



- 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 002F71 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 002F71 by changing the saturation by 10% instead.

■ 002F71

■ 002F71

FFFFFF

■ 001B58

■ 485CA6

■ 000040

■ 6475C1

■ 000329

■ 7F8EDD

■ 000113

■ 9BA9FA

■ 000000

■ B8C4FF

■ D4E0FF

■ F2FCFF

■ 002F71

■ 0B3671

■ 173C71

■ 224371

■ 2D4971

■ 395071

■ 445771

■ 4F5D71

■ 5A6471

■ 666A71

Harmonies

Analogous

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



003A73



002F71



4D1D5E

Triad

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



002F71



5F1C00



003F25

Complementary

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



002F71



714200

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.



003D00



002F71



492D00

Square

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



002F71



6A041F



2C3700



004047

Rectangle

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



002F71



600C4A



2C3700



003F19

Sweetspot

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



002F71



687A94



007142



2F3A4A



C9C9C9



4A4A4A

Same Dimension

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



002F71



003E94



090071



323538



003278



0067F7

Inverse Universe

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



71002F



94003E



687100



383235



780032



F70067

Previews

White Background



This preview shows how the Hex color 002F71 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 002F71 Background



This preview shows how black text looks on a background with the Hex color 002F71.



This preview shows how white text looks on a background with the Hex color 002F71.

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
002F71

Protanopia
003169

Deuteranopia
00355A

Trichromacy



Original Color
002F71

Protanomaly
00306C

Deuteranomaly
003362

Tritanomaly
00354F

Monochromacy



Original Color
002F71

Achromatopsia
282828

Achromatomaly
192B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 002F71 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 #002F71 looks like.

```
.text, #text, p{  
    color:#002F71  
}
```

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 #002F71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002F71
}
```

Border

The CSS property to change the border of an element to Hex 002F71 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
#002F71 }
```

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

```
.border{ border-color:#002F71 }
```

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

Here you see how a box with a 4 pixel #002F71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002F71; -webkit-box-shadow:4px 4px  
4px 4px #002F71; box-shadow:4px 4px 4px  
4px #002F71 }
```

Background

The CSS property to change the background color of an element to Hex 002F71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002F71 }
```

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

```
.background{ background-color:#002F71 }
```

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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