

Converting Colors

Hex(002F63)

Have a look what the booklet for
Hex(002F63) contains.

Hex(002F63)	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(002F63)

Conversions

Conversions Part 1

Format	Color
Hex	002F63
RGB	0, 47, 99
RGB Percent	0%, 18%, 39%
CMY	1.0000, 0.8157, 0.6118
CMYK	1.00, 0.53, 0.00, 0.61
HSL	212°, 100%, 19%
HSV	212°, 100%, 39%
XYZ	3.2686, 2.9339, 12.1984
YIQ	38.8750, -44.7040, 6.2080

Conversions

Conversions Part 2

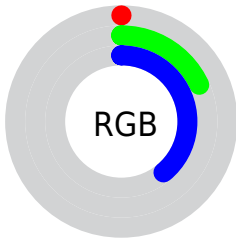
Format	Color
RYB	0, 32, 99
Decimal	12131
CIELab	19.78, 8.39, -34.73
CIELCh	20, 35.728, 283.574
Yxy	2.9339, 0.1776, 0.1594
Android (android.graphics.Color)	4278202211 (0xFF002F63)
YUV	38.8750, 29.6416, -34.0934
Hunter-Lab	17.1286, 4.0881, -30.2343

Details

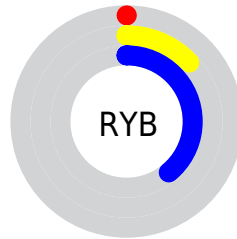
The Hex color **002F63** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **633400**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **435C96**, and **000034** is the 20% darker color. If you saturate the color by 10%, you get **002F63**, and if you desaturate by 10%, it is **0A3463**.

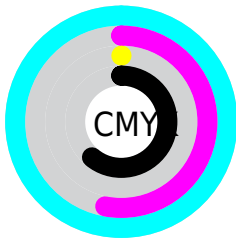
Distribution



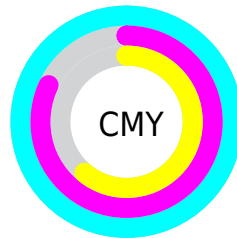
- Red (0%)
- Green (18%)
- Blue (39%)



- Red (0%)
- Yellow (13%)
- Blue (39%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (82%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002F63 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 002F63 by changing the saturation by 10% instead.

002F63

002F63

FFFFFF

001B4B

435C96

000034

5E75B1

00021E

798ECD

000000

94A9E9

B0C4FF

CCE0FF

E9FCFF

002F63

■ 0A3463

■ 143963

■ 1E3F63

■ 284463

■ 324963

■ 3B4E63

■ 455363

■ 4F5963

■ 595E63

Harmonies

Analogous

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



003762



002F63



3F2356

Triad

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



002F63



571D0B



003B20

Complementary

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



002F63



633400

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.



113803



002F63



482900

Square

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



002F63



5E1225



323200



003B3B

Rectangle

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



002F63



511A48



323200



003A17

Sweetspot

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



002F63



596B80



006333



293440



BFBFBF



404040

Same Dimension

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



002F63



003D80



020063



2C2E30



003570



0072F0

Inverse Universe

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



63002F



80003D



616300



302C2E



700035



F00072

Previews

White Background



This preview shows how the Hex color 002F63 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

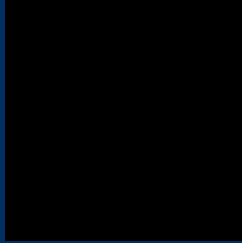
Any Text WCAG AA × Fail

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 002F63 Background



This preview shows how black text looks on a background with the Hex color 002F63.



This preview shows how white text looks on a background with the Hex color 002F63.

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

002F63

Protanopia

092F63

Deuteranopia

003256

Trichromacy



Original Color
002F63

Protanomaly
062F63

Deuteranomaly
00315B

Tritanomaly
003348

Monochromacy



Original Color
002F63

Achromatopsia
272727

Achromatomaly
192A3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 002F63 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 #002F63 looks like.

```
.text, #text, p{  
    color:#002F63  
}
```

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 #002F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002F63
}
```

Border

The CSS property to change the border of an element to Hex 002F63 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
#002F63 }
```

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

```
.border{ border-color:#002F63 }
```

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

Here you see how a box with a 4 pixel #002F63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002F63; -webkit-box-shadow:4px 4px  
4px 4px #002F63; box-shadow:4px 4px 4px  
4px #002F63 }
```

Background

The CSS property to change the background color of an element to Hex 002F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002F63 }
```

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

```
.background{ background-color:#002F63 }
```

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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