

Converting Colors

Hex(002A69)

Have a look what the booklet for
Hex(002A69) contains.

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Color

Hex(002A69)

Conversions

Conversions Part 1

Format	Color
Hex	002A69
RGB	0, 42, 105
RGB Percent	0%, 16%, 41%
CMY	1.0000, 0.8353, 0.5882
CMYK	1.00, 0.60, 0.00, 0.59
HSL	216°, 100%, 21%
HSV	216°, 100%, 41%
XYZ	3.3778, 2.6758, 13.7031
YIQ	36.6240, -45.2550, 10.6890

Conversions

Conversions Part 2

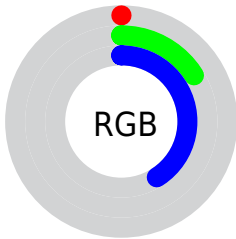
Format	Color
RYB	0, 30, 105
Decimal	10857
CIELab	18.70, 14.84, -40.41
CIELCh	19, 43.043, 290.161
Yxy	2.6758, 0.1710, 0.1354
Android (android.graphics.Color)	4278200937 (0xFF002A69)
YUV	36.6240, 33.7094, -32.1192
Hunter-Lab	16.3580, 8.2319, -38.2164

Details

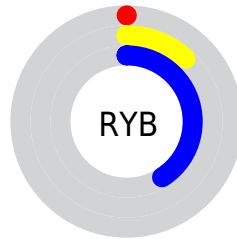
The Hex color **002A69** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **693F00**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **46579D**, and **000039** is the 20% darker color. If you saturate the color by 10%, you get **002A69**, and if you desaturate by 10%, it is **0A3069**.

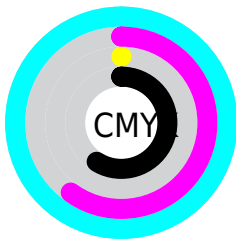
Distribution



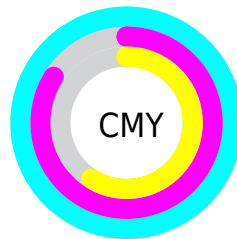
- Red (0%)
- Green (16%)
- Blue (41%)



- Red (0%)
- Yellow (12%)
- Blue (41%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (84%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002A69 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 002A69 by changing the saturation by 10% instead.

■ 002A69

■ 002A69

FFFFFF

■ 001650

■ 46579D

■ 000039

■ 616FB8

■ 000223

■ 7C88D4

■ 000009

■ 98A2F1

■ 000000

■ B4BDFF

■ D0D9FF

■ EDF5FF

■ 002A69

■ 0A3069

■ 153769

■ 203D69

■ 2A4369

■ 354A69

■ 3F5069

■ 4A5669

■ 545C69

■ 5F6369

Harmonies

Analogous

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



00356C



002A69



471856

Triad

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



002A69



571800



003A22

Complementary

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



002A69



693F00

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.



003700



002A69



422900

Square

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



002A69



62011A



263200



003A42

Rectangle

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



002A69



590643



263200



003917

Sweetspot

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



002A69



60718A



00693F



2C3645



C4C4C4



454545

Same Dimension

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



002A69



00378A



0A0069



303236



002F75



0062F5

Inverse Universe

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



69002A



8A0037



5F6900



363032



75002F



F50062

Previews

White Background



This preview shows how the Hex color 002A69 looks on a white background.

Color Contrast Check

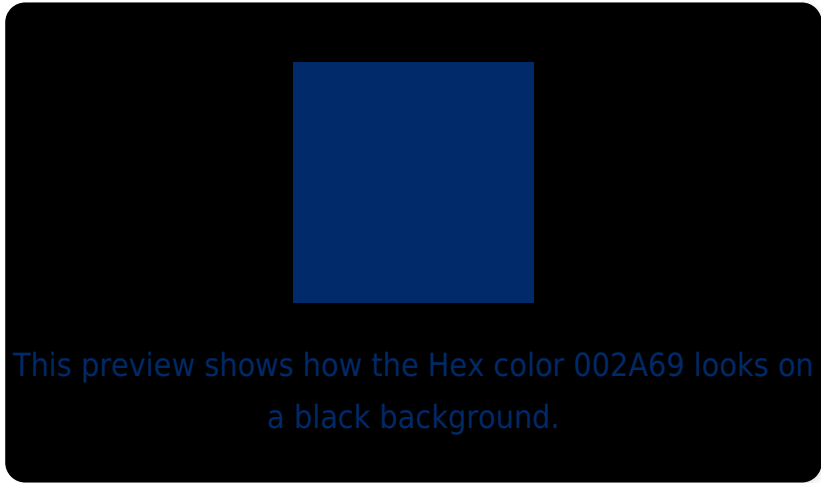
Large Text (above 18pt) WCAG AA ✓ Pass

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

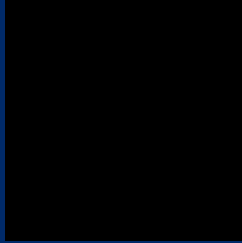
Any Text WCAG AA × Fail

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 002A69 Background



This preview shows how black text looks on a background with the Hex color 002A69.



This preview shows how white text looks on a background with the Hex color 002A69.

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
002A69

Deuteranopia
003051

Tritanopia
003437

Trichromacy



Original Color
002A69

Deuteranomaly
002E5A

Tritanomaly
003049

Monochromacy



Original Color
002A69

Achromatopsia
252525

Achromatomaly
18273E

CSS Examples

Text

The CSS property to change the color of the text to Hex 002A69 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 #002A69 looks like.

```
.text, #text, p{  
    color:#002A69  
}
```

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 #002A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002A69
}
```

Border

The CSS property to change the border of an element to Hex 002A69 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
#002A69 }
```

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

```
.border{ border-color:#002A69 }
```

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

Here you see how a box with a 4 pixel #002A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002A69; -webkit-box-shadow:4px 4px  
4px 4px #002A69; box-shadow:4px 4px 4px  
4px #002A69 }
```

Background

The CSS property to change the background color of an element to Hex 002A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002A69 }
```

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

```
.background{ background-color:#002A69 }
```

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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