

Converting Colors

Hex(002C69)

Have a look what the booklet for
Hex(002C69) contains.

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Color

Hex(002C69)

Conversions

Conversions Part 1

Format	Color
Hex	002C69
RGB	0, 44, 105
RGB Percent	0%, 17%, 41%
CMY	1.0000, 0.8275, 0.5882
CMYK	1.00, 0.58, 0.00, 0.59
HSL	215°, 100%, 21%
HSV	215°, 100%, 41%
XYZ	3.4505, 2.8213, 13.7273
YIQ	37.7980, -45.8050, 9.6430

Conversions

Conversions Part 2

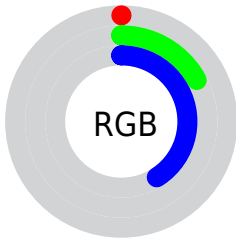
Format	Color
RYB	0, 31, 105
Decimal	11369
CIELab	19.31, 13.34, -39.40
CIElCh	19, 41.599, 288.711
Yxy	2.8213, 0.1725, 0.1411
Android (android.graphics.Color)	4278201449 (0xFF002C69)
YUV	37.7980, 33.1306, -33.1488
Hunter-Lab	16.7967, 7.2744, -36.6978

Details

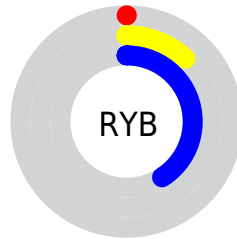
The Hex color **002C69** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **693D00**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **46599D**, and **000039** is the 20% darker color. If you saturate the color by 10%, you get **002C69**, and if you desaturate by 10%, it is **0A3269**.

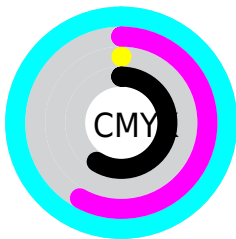
Distribution



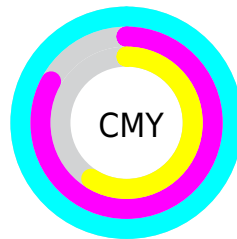
- Red (0%)
- Green (17%)
- Blue (41%)



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



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (83%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002C69 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 002C69 by changing the saturation by 10% instead.

■ 002C69

■ 002C69

FFFFFF

■ 001850

■ 46599D

■ 000039

■ 6171B8

■ 000223

■ 7C8BD4

■ 000009

■ 98A5F0

■ 000000

■ B4C0FF

■ D0DCFF

■ EDF8FF

■ 002C69

■ 0A3269

■ 153869

■ 203E69

■ 2A4469

■ 354B69

■ 3F5169

■ 4A5769

■ 545D69

■ 5F6369

Harmonies

Analogous

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



00366B



002C69



461C57

Triad

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



002C69



591A00



003B22

Complementary

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



002C69



693D00

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.



003800



002C69



442900

Square

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



002C69



62061E



293300



003C42

Rectangle

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



002C69



580D45



293300



003A17

Sweetspot

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



002C69



60728A



00693B



2C3645



C4C4C4



454545

Same Dimension

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



002C69



003A8A



070069



303236



003175



0067F5

Inverse Universe

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



69002C



8A003A



626900



363032



750031



F50067

Previews

White Background



This preview shows how the Hex color 002C69 looks on a white background.

Color Contrast Check

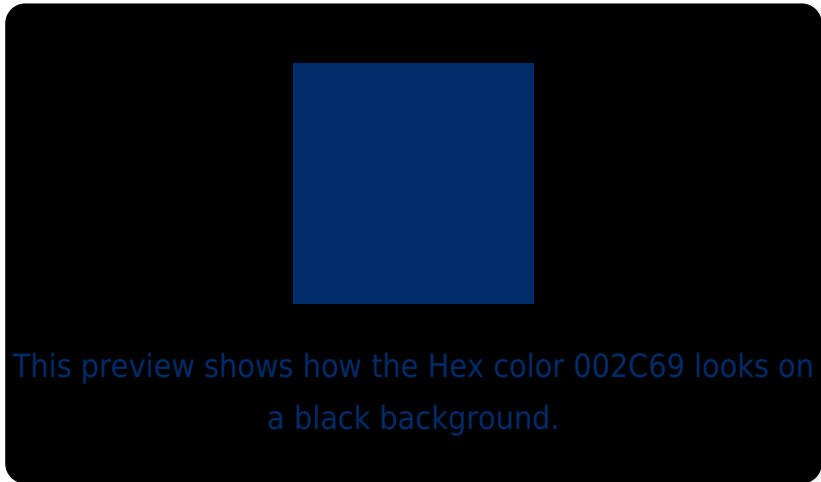
Large Text (above 18pt) WCAG AA ✓ Pass

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

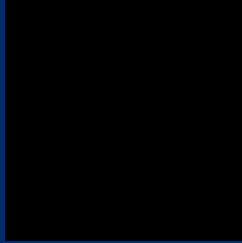
Any Text WCAG AA × Fail

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 002C69 Background



This preview shows how black text looks on a background with the Hex color 002C69.



This preview shows how white text looks on a background with the Hex color 002C69.

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
002C69

Protanopia
002E62

Deuteranopia
003154

Trichromacy



Original Color
002C69

Protanomaly
002D65

Deuteranomaly
002F5C

Monochromacy



Original Color
002C69

Achromatopsia
262626

Achromatomaly
18283E

CSS Examples

Text

The CSS property to change the color of the text to Hex 002C69 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 #002C69 looks like.

```
.text, #text, p{  
    color:#002C69  
}
```

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 #002C69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002C69
}
```

Border

The CSS property to change the border of an element to Hex 002C69 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
#002C69 }
```

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

```
.border{ border-color:#002C69 }
```

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

Here you see how a box with a 4 pixel #002C69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002C69; -webkit-box-shadow:4px 4px  
4px 4px #002C69; box-shadow:4px 4px 4px  
4px #002C69 }
```

Background

The CSS property to change the background color of an element to Hex 002C69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002C69 }
```

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

```
.background{ background-color:#002C69 }
```

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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