

Converting Colors

Hex(002B51)

Have a look what the booklet for
Hex(002B51) contains.

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Color

Hex(002B51)

Conversions

Conversions Part 1

Format	Color
Hex	002B51
RGB	0, 43, 81
RGB Percent	0%, 17%, 32%
CMY	1.0000, 0.8314, 0.6824
CMYK	1.00, 0.47, 0.00, 0.68
HSL	208°, 100%, 16%
HSV	208°, 100%, 32%
XYZ	2.3491, 2.3218, 8.1089
YIQ	34.4750, -37.8260, 2.7020

Conversions

Conversions Part 2

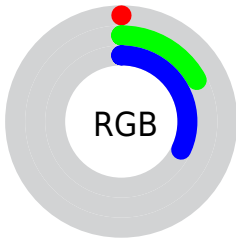
Format	Color
RYB	0, 28, 81
Decimal	11089
CIELab	17.09, 3.00, -27.09
CIELCh	17, 27.255, 276.322
Yxy	2.3218, 0.1838, 0.1817
Android (android.graphics.Color)	4278201169 (0xFF002B51)
YUV	34.4750, 22.9368, -30.2346
Hunter-Lab	15.2376, 0.8525, -20.8859

Details

The Hex color **002B51** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **512600**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3D5883**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **002B51**, and if you desaturate by 10%, it is **082F51**.

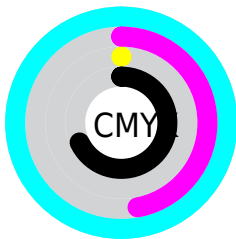
Distribution



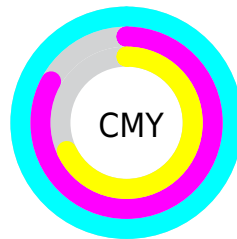
- Red (0%)
- Green (17%)
- Blue (32%)



- Red (0%)
- Yellow (11%)
- Blue (32%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (83%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002B51 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 002B51 by changing the saturation by 10% instead.

002B51

002B51

FCFFFF

00173A

3D5883

000224

57709D

00000C

718AB8

000000

8CA4D4

A7BFF0

C3DBFF

DFF7FF

002B51

■ 082F51

■ 103351

■ 183651

■ 203A51

■ 293E51

■ 314251

■ 394651

■ 414951

■ 494D51

Harmonies

Analogous

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



00304E



002B51



30234A

Triad

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



002B51



4B1B14



00321A

Complementary

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



002B51



512600

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.



1C2F06



002B51



402300

Square

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



002B51



4D1727



312A00



00332E

Rectangle

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



002B51



3F1D40



312A00



063113

Sweetspot

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



002B51



495A69



005126



222D36



B5B5B5



363636

Same Dimension

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



002B51



003869



000351



252729



007BE8

Inverse Universe

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



51002B



690038



514E00



292527



E8007B

Previews

White Background



This preview shows how the Hex color 002B51 looks on a white background.

Color Contrast Check

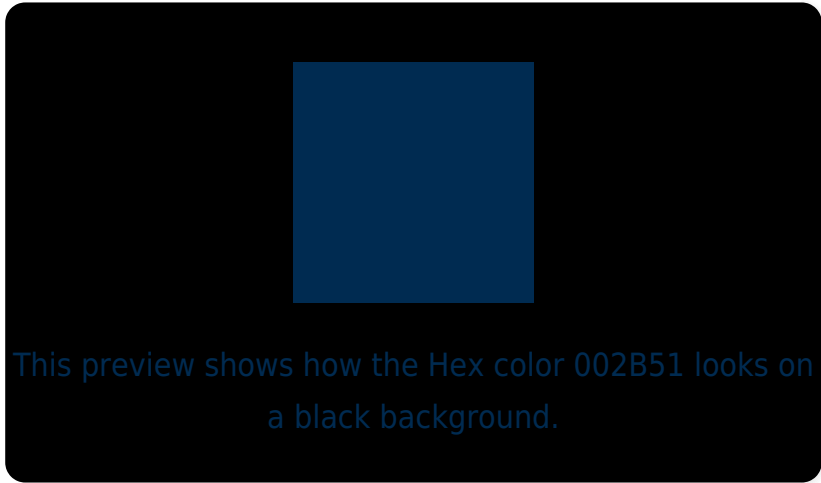
Large Text (above 18pt) WCAG AA ✓ Pass

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

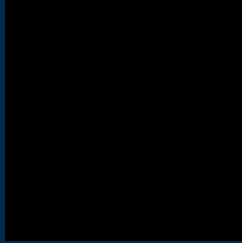
Any Text WCAG AA × Fail

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 002B51 Background



This preview shows how black text looks on a background with the Hex color 002B51.



This preview shows how white text looks on a background with the Hex color 002B51.

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
002B51

Protanopia
172A50

Deuteranopia
002C4D



Tritanopia
003033

Trichromacy



Original Color
002B51

Protanomaly
0F2A50

Deuteranomaly
002C4E

Tritanomaly
002E3E

Monochromacy



Original Color
002B51

Achromatopsia
222222

Achromatomaly
162533

CSS Examples

Text

The CSS property to change the color of the text to Hex 002B51 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 #002B51 looks like.

```
.text, #text, p{  
    color:#002B51  
}
```

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 #002B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002B51
}
```

Border

The CSS property to change the border of an element to Hex 002B51 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
#002B51 }
```

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

```
.border{ border-color:#002B51 }
```

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

Here you see how a box with a 4 pixel #002B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002B51; -webkit-box-shadow:4px 4px  
4px 4px #002B51; box-shadow:4px 4px 4px  
4px #002B51 }
```

Background

The CSS property to change the background color of an element to Hex 002B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002B51 }
```

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

```
.background{ background-color:#002B51 }
```

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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