

Converting Colors

Hex(002B4C)

Have a look what the booklet for
Hex(002B4C) contains.

Hex(002B4C)	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(002B4C)

Conversions

Conversions Part 1

Format	Color
Hex	002B4C
RGB	0, 43, 76
RGB Percent	0%, 17%, 30%
CMY	1.0000, 0.8314, 0.7020
CMYK	1.00, 0.43, 0.00, 0.70
HSL	206°, 100%, 15%
HSV	206°, 100%, 30%
XYZ	2.1684, 2.2496, 7.1574
YIQ	33.9050, -36.2210, 1.1470

Conversions

Conversions Part 2

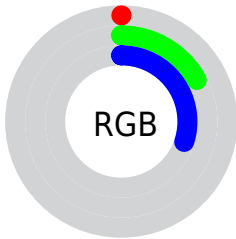
Format	Color
RYB	0, 27, 76
Decimal	11084
CIELab	16.75, 0.66, -24.26
CIELCh	17, 24.267, 271.564
Yxy	2.2496, 0.1873, 0.1943
Android (android.graphics.Color)	4278201164 (0xFF002B4C)
YUV	33.9050, 20.7528, -29.7347
Hunter-Lab	14.9985, -0.4411, -17.7946

Details

The Hex color **002B4C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4C2100**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3B587D**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **002B4C**, and if you desaturate by 10%, it is **082E4C**.

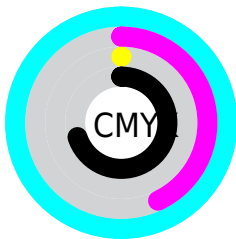
Distribution



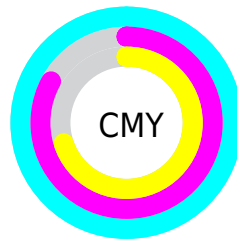
- Red (0%)
- Green (17%)
- Blue (30%)



- Red (0%)
- Yellow (11%)
- Blue (30%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (83%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002B4C 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 002B4C by changing the saturation by 10% instead.

 002B4C

 002B4C

 F9FFFF

 001735

 3B587D

 000220

 557097

 000003

 6F8AB2

 000000

 89A4CE

 A4BFEA

 C0DBFF

 DCF7FF

 002B4C

■ 082E4C

■ 0F324C

■ 17354C

■ 1E384C

■ 263B4C

■ 2E3F4C

■ 35424C

■ 3D454C

■ 44494C

Harmonies

Analogous

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



002F48



002B4C



2B2447

Triad

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



002B4C



481C18



053018

Complementary

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



002B4C



4C2100

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.



202E08



002B4C



402208

Square

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



002B4C



481929



322900



00322A

Rectangle

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



002B4C



3A1F3F



322900



113013

Sweetspot

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



002B4C



465663



004C21



212B33



B3B3B3



333333

Same Dimension

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



002B4C



003863



00054C



222526



003A66



0082E6

Inverse Universe

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



4C002B



630038



4C4700



262225



66003A



E60082

Previews

White Background



This preview shows how the Hex color 002B4C looks on a white background.

Color Contrast Check

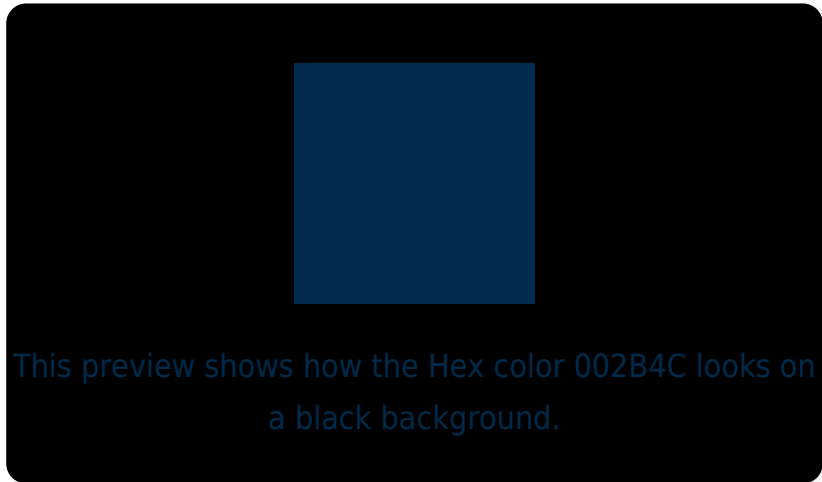
Large Text (above 18pt) WCAG AA ✓ Pass

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

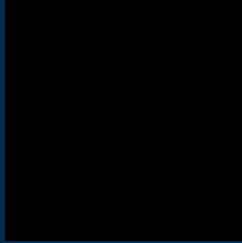
Any Text WCAG AA × Fail

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 002B4C Background



This preview shows how black text looks on a background with the Hex color 002B4C.



This preview shows how white text looks on a background with the Hex color 002B4C.

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
002B4C

Protanopia
1B294A

Deuteranopia
052B4C

Trichromacy



Original Color
002B4C

Protanomaly
112A4B

Deuteranomaly
032B4C

Tritanomaly
002E3B

Monochromacy



Original Color
002B4C

Achromatopsia
222222

Achromatomaly
162531

CSS Examples

Text

The CSS property to change the color of the text to Hex 002B4C 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 #002B4C looks like.

```
.text, #text, p{  
    color:#002B4C  
}
```

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 #002B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002B4C
}
```

Border

The CSS property to change the border of an element to Hex 002B4C 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
#002B4C }
```

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

```
.border{ border-color:#002B4C }
```

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

Here you see how a box with a 4 pixel #002B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002B4C; -webkit-box-shadow:4px 4px  
4px 4px #002B4C; box-shadow:4px 4px 4px  
4px #002B4C }
```

Background

The CSS property to change the background color of an element to Hex 002B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002B4C }
```

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

```
.background{ background-color:#002B4C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor