

Converting Colors

Hex(002C54)

Have a look what the booklet for
Hex(002C54) contains.

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Color

Hex(002C54)

Conversions

Conversions Part 1

Format	Color
Hex	002C54
RGB	0, 44, 84
RGB Percent	0%, 17%, 33%
CMY	1.0000, 0.8275, 0.6706
CMYK	1.00, 0.48, 0.00, 0.67
HSL	209°, 100%, 16%
HSV	209°, 100%, 33%
XYZ	2.5009, 2.4415, 8.7269
YIQ	35.4040, -39.0640, 3.1120

Conversions

Conversions Part 2

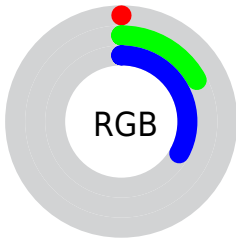
Format	Color
RYB	0, 29, 84
Decimal	11348
CIELab	17.65, 3.67, -28.21
CIELCh	18, 28.448, 277.402
Yxy	2.4415, 0.1830, 0.1786
Android (android.graphics.Color)	4278201428 (0xFF002C54)
YUV	35.4040, 23.9578, -31.0493
Hunter-Lab	15.6252, 1.2261, -22.1769

Details

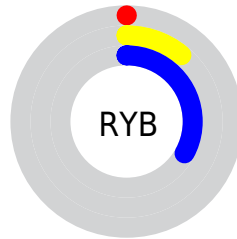
The Hex color **002C54** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **542800**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **3E5986**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **002C54**, and if you desaturate by 10%, it is **083054**.

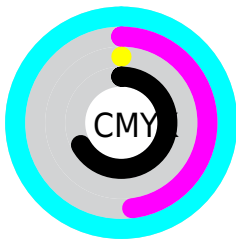
Distribution



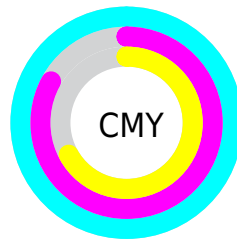
- Red (0%)
- Green (17%)
- Blue (33%)



- Red (0%)
- Yellow (11%)
- Blue (33%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (83%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002C54 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 002C54 by changing the saturation by 10% instead.

■ 002C54

■ 002C54

FEFFFF

■ 00183D

■ 3E5986

■ 000327

■ 5871A0

■ 000110

■ 728BBB

■ 000000

■ 8DA5D7

■ A8C0F4

■ C4DCFF

■ E1F8FF

■ 002C54

■ 083054

■ 113454

■ 193854

■ 223C54

■ 2A4054

■ 324454

■ 3B4854

■ 434C54

■ 4C5054

Harmonies

Analogous

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



003251



002C54



32244C

Triad

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



002C54



4D1C13



00341B

Complementary

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



002C54



542800

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.



1B3106



002C54



422400

Square

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



002C54



501727



322C00



003530

Rectangle

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



002C54



421D42



322C00



033314

Sweetspot

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



002C54



4D5E6E



005427



242E38



B8B8B8



383838

Same Dimension

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



002C54



00396E



000354



252729



003769



007AE8

Inverse Universe

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



54002C



6E0039



545100



292527



690037



E8007A

Previews

White Background



This preview shows how the Hex color 002C54 looks on a white background.

Color Contrast Check

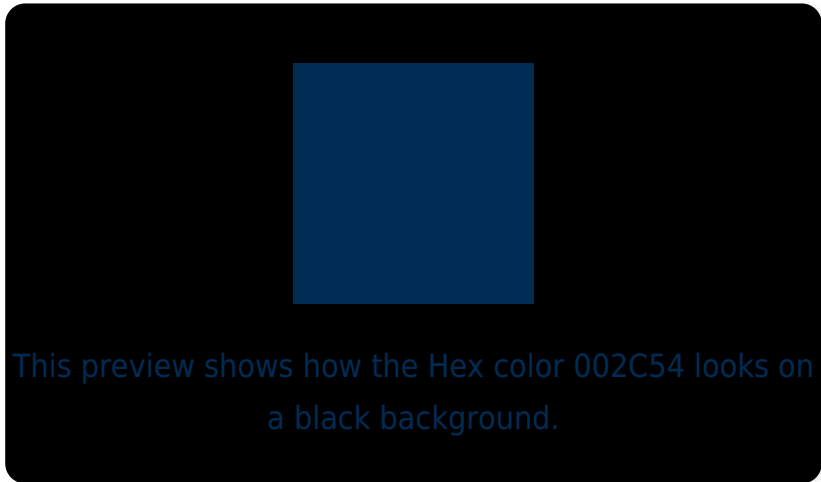
Large Text (above 18pt) WCAG AA ✓ Pass

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

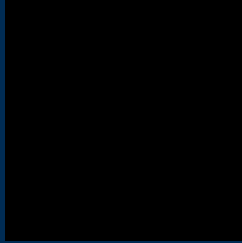
Any Text WCAG AA × Fail

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 002C54 Background



This preview shows how black text looks on a background with the Hex color 002C54.



This preview shows how white text looks on a background with the Hex color 002C54.

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
002C54

Protanopia
172B53

Deuteranopia
002D4F

Trichromacy



Original Color
002C54

Protanomaly
0F2B53

Deuteranomaly
002D51

Tritanomaly
002F40

Monochromacy



Original Color
002C54

Achromatopsia
232323

Achromatomaly
162635

CSS Examples

Text

The CSS property to change the color of the text to Hex 002C54 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 #002C54 looks like.

```
.text, #text, p{  
    color:#002C54  
}
```

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 #002C54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002C54
}
```

Border

The CSS property to change the border of an element to Hex 002C54 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".

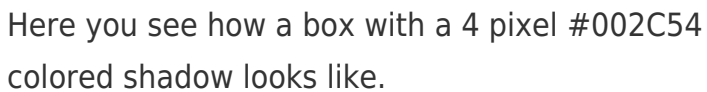
```
.border, #border, table{ border:4px solid
#002C54 }
```

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

```
.border{ border-color:#002C54 }
```

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

Here you see how a box with a 4 pixel #002C54 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002C54; -webkit-box-shadow:4px 4px  
4px 4px #002C54; box-shadow:4px 4px 4px  
4px #002C54 }
```

Background

The CSS property to change the background color of an element to Hex 002C54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002C54 }
```

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

```
.background{ background-color:#002C54 }
```

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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