

Converting Colors

Hex(002A53)

Have a look what the booklet for
Hex(002A53) contains.

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Color

Hex(002A53)

Conversions

Conversions Part 1

Format	Color
Hex	002A53
RGB	0, 42, 83
RGB Percent	0%, 16%, 33%
CMY	1.0000, 0.8353, 0.6745
CMYK	1.00, 0.49, 0.00, 0.67
HSL	210°, 100%, 16%
HSV	210°, 100%, 33%
XYZ	2.3893, 2.2805, 8.4979
YIQ	34.1160, -38.1930, 3.8470

Conversions

Conversions Part 2

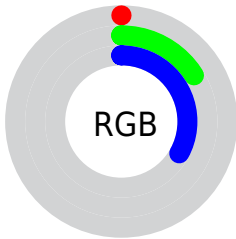
Format	Color
RYB	0, 28, 83
Decimal	10835
CIELab	16.90, 4.68, -28.75
CIELCh	17, 29.132, 279.244
Yxy	2.2805, 0.1815, 0.1732
Android (android.graphics.Color)	4278200915 (0xFF002A53)
YUV	34.1160, 24.0998, -29.9197
Hunter-Lab	15.1012, 1.8150, -22.7933

Details

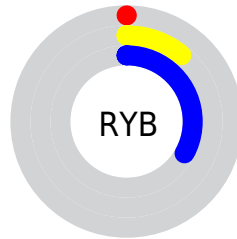
The Hex color **002A53** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **532900**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3E5785**, and **000226** is the 20% darker color. If you saturate the color by 10%, you get **002A53**, and if you desaturate by 10%, it is **082E53**.

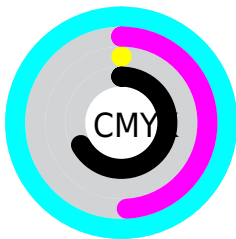
Distribution



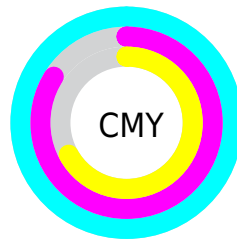
- Red (0%)
- Green (16%)
- Blue (33%)



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



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002A53 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 002A53 by changing the saturation by 10% instead.

■ 002A53

■ 002A53

FEFFFF

■ 00163C

■ 3E5785

■ 000226

■ 586F9F

■ 00010E

■ 7288BA

■ 000000

■ 8DA2D6

■ A8BDF3

■ C4D9FF

■ E0F6FF

■ 002A53

■ 082E53

■ 113253

■ 193653

■ 213A53

■ 293F53

■ 324353

■ 3A4753

■ 424B53

■ 4B4F53

Harmonies

Analogous

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



003051



002A53



32214A

Triad

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



002A53



4B1A10



00321A

Complementary

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



002A53



532900

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.



183003



002A53



402300

Square

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



002A53



4F1424



2F2B00



003330

Rectangle

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



002A53



421B3F



2F2B00



003213

Sweetspot

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



002A53



4B5B6B



005328



222C36



B5B5B5



363636

Same Dimension

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



002A53



00366B



000153



252729



003569



0075E8

Inverse Universe

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



53002A



6B0036



535200



292527



690035



E80075

Previews

White Background



This preview shows how the Hex color 002A53 looks on a white background.

Color Contrast Check

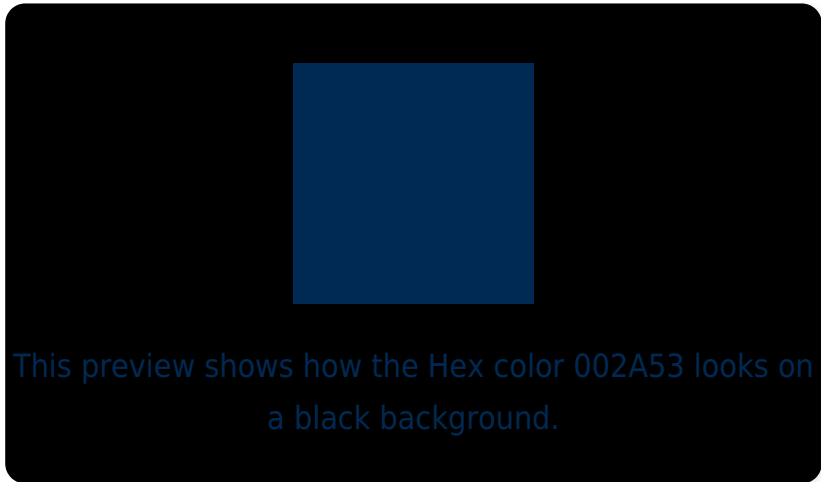
Large Text (above 18pt) WCAG AA ✓ Pass

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

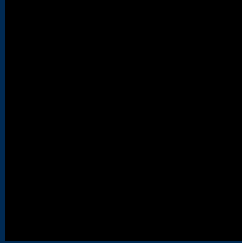
Any Text WCAG AA × Fail

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 002A53 Background



This preview shows how black text looks on a background with the Hex color 002A53.



This preview shows how white text looks on a background with the Hex color 002A53.

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
002A53

Protanopia
132952

Deuteranopia
002C4C

Trichromacy



Original Color
002A53

Protanomaly
0C2952

Deuteranomaly
002B4F

Tritanomaly
002D3E

Monochromacy



Original Color
002A53

Achromatopsia
222222

Achromatomaly
162534

CSS Examples

Text

The CSS property to change the color of the text to Hex 002A53 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 #002A53 looks like.

```
.text, #text, p{  
    color:#002A53  
}
```

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 #002A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002A53
}
```

Border

The CSS property to change the border of an element to Hex 002A53 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
#002A53 }
```

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

```
.border{ border-color:#002A53 }
```

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

Here you see how a box with a 4 pixel #002A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002A53; -webkit-box-shadow:4px 4px  
4px 4px #002A53; box-shadow:4px 4px 4px  
4px #002A53 }
```

Background

The CSS property to change the background color of an element to Hex 002A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002A53 }
```

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

```
.background{ background-color:#002A53 }
```

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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