

Converting Colors

Hex(002D60)

Have a look what the booklet for
Hex(002D60) contains.

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Color

Hex(002D60)

Conversions

Conversions Part 1

Format	Color
Hex	002D60
RGB	0, 45, 96
RGB Percent	0%, 18%, 38%
CMY	1.0000, 0.8235, 0.6235
CMYK	1.00, 0.53, 0.00, 0.62
HSL	212°, 100%, 19%
HSV	212°, 100%, 38%
XYZ	3.0497, 2.7213, 11.4309
YIQ	37.3590, -43.1910, 6.3210

Conversions

Conversions Part 2

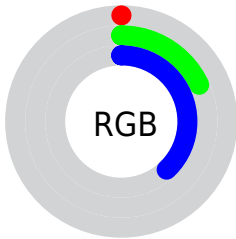
Format	Color
RYB	0, 31, 96
Decimal	11616
CIELab	18.89, 8.49, -34.19
CIELCh	19, 35.230, 283.944
Yxy	2.7213, 0.1773, 0.1582
Android (android.graphics.Color)	4278201696 (0xFF002D60)
YUV	37.3590, 28.9100, -32.7638
Hunter-Lab	16.4964, 4.1309, -29.5365

Details

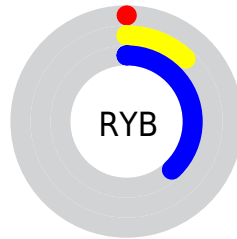
The Hex color **002D60** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **603300**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **425A93**, and **000131** is the 20% darker color. If you saturate the color by 10%, you get **002D60**, and if you desaturate by 10%, it is **0A3260**.

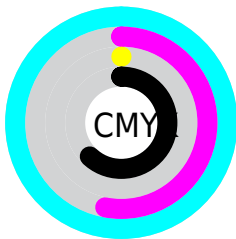
Distribution



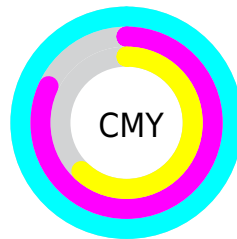
- Red (0%)
- Green (18%)
- Blue (38%)



- Red (0%)
- Yellow (12%)
- Blue (38%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (82%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002D60 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 002D60 by changing the saturation by 10% instead.

■ 002D60

■ 002D60

FFFFFF

■ 001948

■ 425A93

■ 000131

■ 5D72AE

■ 00011B

■ 788CC9

■ 000000

■ 93A6E6

■ AFC1FF

■ CBDDFF

■ E8FAFF

■ 002D60

■ 0A3260

■ 133760

■ 1D3C60

■ 264160

■ 304760

■ 3A4C60

■ 435160

■ 4D5660

■ 565B60

Harmonies

Analogous

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



00355F



002D60



3E2153

Triad

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



002D60



541B09



00381F

Complementary

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



002D60



603300

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.



0F3602



002D60



452800

Square

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



002D60



5B1123



2F3000



00393A

Rectangle

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



002D60



4F1845



2F3000



003816

Sweetspot

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



002D60



57697D



006032



293440



BFBFBF



404040

Same Dimension

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



002D60



003B7D



020060



2C2E30



003570



0070F0

Inverse Universe

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



60002D



7D003B



5E6000



302C2E



700035



F00070

Previews

White Background



This preview shows how the Hex color 002D60 looks on a white background.

Color Contrast Check

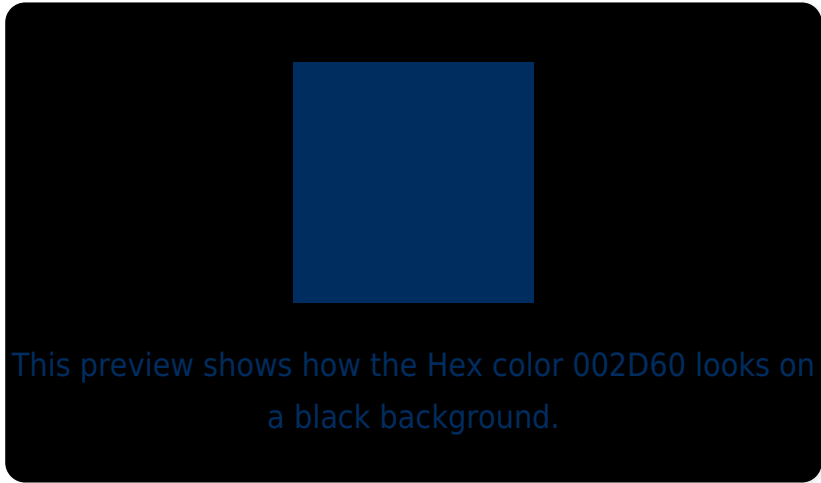
Large Text (above 18pt) WCAG AA ✓ Pass

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

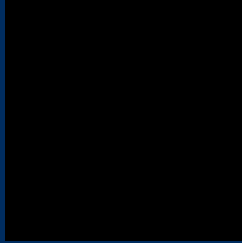
Any Text WCAG AA × Fail

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 002D60 Background



This preview shows how black text looks on a background with the Hex color 002D60.



This preview shows how white text looks on a background with the Hex color 002D60.

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

002D60

Protanopia

002D60

Deuteranopia

003053

Trichromacy



Original Color
002D60

Protanomaly
002D60

Deuteranomaly
002F58

Tritanomaly
003146

Monochromacy



Original Color
002D60

Achromatopsia
252525

Achromatomaly
18283A

CSS Examples

Text

The CSS property to change the color of the text to Hex 002D60 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 #002D60 looks like.

```
.text, #text, p{  
    color:#002D60  
}
```

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 #002D60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002D60
}
```

Border

The CSS property to change the border of an element to Hex 002D60 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
#002D60 }
```

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

```
.border{ border-color:#002D60 }
```

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

Here you see how a box with a 4 pixel #002D60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002D60; -webkit-box-shadow:4px 4px  
4px 4px #002D60; box-shadow:4px 4px 4px  
4px #002D60 }
```

Background

The CSS property to change the background color of an element to Hex 002D60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002D60 }
```

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

```
.background{ background-color:#002D60 }
```

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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