

Converting Colors

Hex(002D6B)

Have a look what the booklet for
Hex(002D6B) contains.

Hex(002D6B)	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(002D6B)

Conversions

Conversions Part 1

Format	Color
Hex	002D6B
RGB	0, 45, 107
RGB Percent	0%, 18%, 42%
CMY	1.0000, 0.8235, 0.5804
CMYK	1.00, 0.58, 0.00, 0.58
HSL	215°, 100%, 21%
HSV	215°, 100%, 42%
XYZ	3.5922, 2.9383, 14.2877
YIQ	38.6130, -46.7220, 9.7420

Conversions

Conversions Part 2

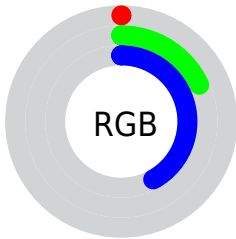
Format	Color
RYB	0, 32, 107
Decimal	11627
CIELab	19.80, 13.51, -39.92
CIELCh	20, 42.139, 288.693
Yxy	2.9383, 0.1726, 0.1411
Android (android.graphics.Color)	4278201707 (0xFF002D6B)
YUV	38.6130, 33.7148, -33.8636
Hunter-Lab	17.1415, 7.4094, -37.4202

Details

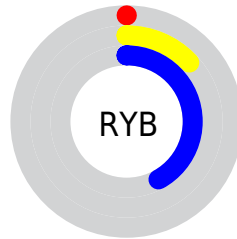
The Hex color **002D6B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6B3E00**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **465A9F**, and **00003B** is the 20% darker color. If you saturate the color by 10%, you get **002D6B**, and if you desaturate by 10%, it is **0B336B**.

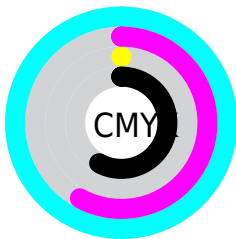
Distribution



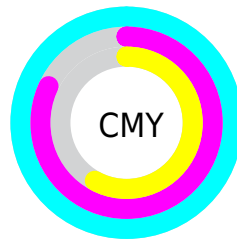
- Red (0%)
- Green (18%)
- Blue (42%)



- Red (0%)
- Yellow (13%)
- Blue (42%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002D6B 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 002D6B by changing the saturation by 10% instead.

002D6B

002D6B

FFFFFF

001952

465A9F

00003B

6272BA

000224

7D8CD6

00000C

98A6F3

000000

B5C1FF

D1DDFF

EEF9FF

002D6B

■ 0B336B

■ 15396B

■ 20406B

■ 2B466B

■ 364C6B

■ 40526B

■ 4B586B

■ 565F6B

■ 60656B

Harmonies

Analogous

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



00376D



002D6B



481C59

Triad

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



002D6B



5A1B00



003C23

Complementary

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



002D6B



6B3E00

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.



003A00



002D6B



462A00

Square

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



002D6B



64061E



2A3400



003D43

Rectangle

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



002D6B



5A0E47



2A3400



003C18

Sweetspot

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



002D6B



62748C



006B3D



2E3947



C7C7C7



474747

Same Dimension

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



002D6B



003B8C



07006B



303236



003175



0067F5

Inverse Universe

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



6B002D



8C003B



646B00



363032



750031



F50067

Previews

White Background



This preview shows how the Hex color 002D6B looks on a white background.

Color Contrast Check

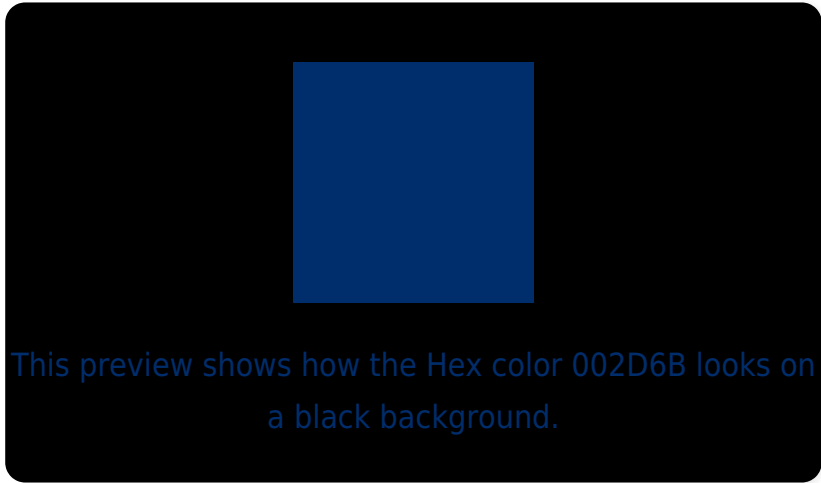
Large Text (above 18pt) WCAG AA ✓ Pass

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

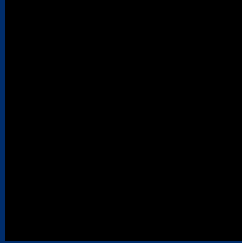
Any Text WCAG AA × Fail

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 002D6B Background



This preview shows how black text looks on a background with the Hex color 002D6B.



This preview shows how white text looks on a background with the Hex color 002D6B.

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
002D6B

Protanopia
002F64

Deuteranopia
003256

Trichromacy



Original Color
002D6B

Protanomaly
002E67

Deuteranomaly
00305E

Tritanomaly
00334B

Monochromacy



Original Color
002D6B

Achromatopsia
272727

Achromatomaly
192940

CSS Examples

Text

The CSS property to change the color of the text to Hex 002D6B 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 #002D6B looks like.

```
.text, #text, p{  
    color:#002D6B  
}
```

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 #002D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002D6B
}
```

Border

The CSS property to change the border of an element to Hex 002D6B 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
#002D6B }
```

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

```
.border{ border-color:#002D6B }
```

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

Here you see how a box with a 4 pixel #002D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002D6B; -webkit-box-shadow:4px 4px  
4px 4px #002D6B; box-shadow:4px 4px 4px  
4px #002D6B }
```

Background

The CSS property to change the background color of an element to Hex 002D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002D6B }
```

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

```
.background{ background-color:#002D6B }
```

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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