

Converting Colors

Hex(002057)

Have a look what the booklet for
Hex(002057) contains.

Hex(002057)	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(002057)

Conversions

Conversions Part 1

Format	Color
Hex	002057
RGB	0, 32, 87
RGB Percent	0%, 13%, 34%
CMY	1.0000, 0.8745, 0.6588
CMYK	1.00, 0.63, 0.00, 0.66
HSL	218°, 100%, 17%
HSV	218°, 100%, 34%
XYZ	2.2368, 1.7211, 9.2311
YIQ	28.7020, -36.7270, 10.3210

Conversions

Conversions Part 2

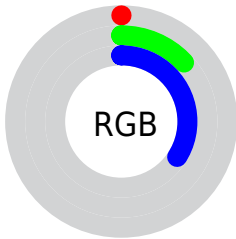
Format	Color
RYB	0, 23, 87
Decimal	8279
CIELab	13.95, 14.19, -36.22
CIELCh	14, 38.903, 291.392
Yxy	1.7211, 0.1696, 0.1305
Android (android.graphics.Color)	4278198359 (0xFF002057)
YUV	28.7020, 28.7409, -25.1717
Hunter-Lab	13.1192, 7.4753, -32.5350

Details

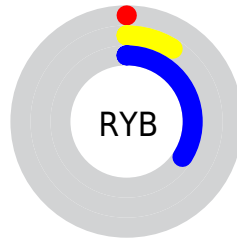
The Hex color **002057** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **573700**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **404B8A**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **002057**, and if you desaturate by 10%, it is **092657**.

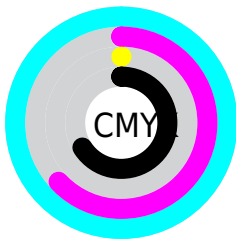
Distribution



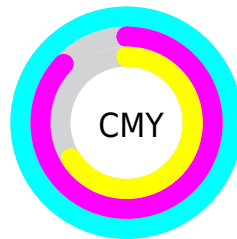
- Red (0%)
- Green (13%)
- Blue (34%)



- Red (0%)
- Yellow (9%)
- Blue (34%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (87%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002057 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 002057 by changing the saturation by 10% instead.

■ 002057

■ 002057

FFFFFF

■ 00093F

■ 404B8A

■ 000329

■ 5A63A4

■ 000113

■ 757CBF

■ 000000

■ 9096DB

■ ABB0F8

■ C7CCFF

■ E4E8FF

■ 002057

■ 092657

■ 112B57

■ 1A3157

■ 233657

■ 2C3C57

■ 344157

■ 3D4757

■ 464C57

■ 4E5257

Harmonies

Analogous

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



00295A



002057



3B0F46

Triad

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



002057



471100



002E1A

Complementary

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



002057



573700

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.



002C00



002057



342000

Square

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



002057



510011



1B2800



002F37

Rectangle

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



002057



4A0035



1B2800



002E11

Sweetspot

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



002057



4F5B70



005736



242B38



B8B8B8



383838

Same Dimension

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



002057



002970



0A0057



27292B



00276B



0056EB

Inverse Universe

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



570020



700029



4D5700



2B2729



6B0027



EB0056

Previews

White Background



This preview shows how the Hex color 002057 looks on a white background.

Color Contrast Check

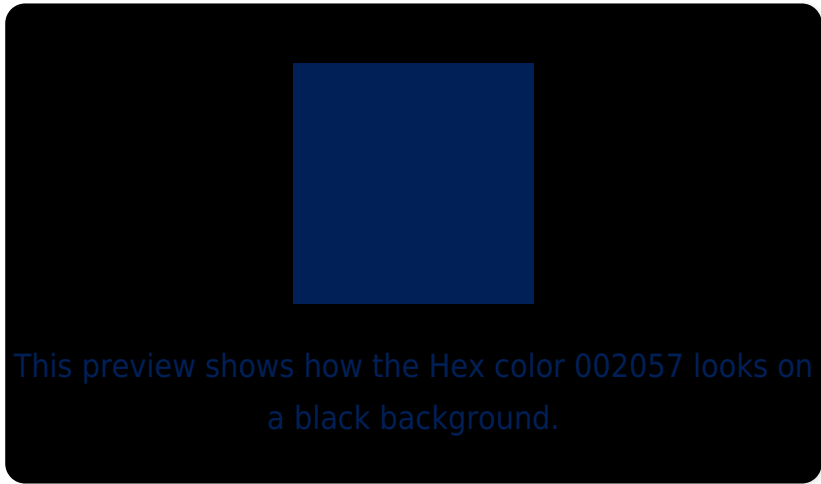
Large Text (above 18pt) WCAG AA ✓ Pass

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

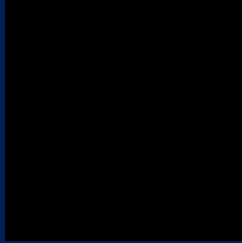
Any Text WCAG AA × Fail

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 002057 Background



This preview shows how black text looks on a background with the Hex color 002057.



This preview shows how white text looks on a background with the Hex color 002057.

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
002057

Protanopia
00234B

Deuteranopia
002640



Tritanopia
00292B

Trichromacy



Original Color
002057

Protanomaly
00224F

Deuteranomaly
002448

Tritanomaly
00263B

Monochromacy



Original Color
002057

Achromatopsia
1D1D1D

Achromatomaly
121E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 002057 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 #002057 looks like.

```
.text, #text, p{  
    color:#002057  
}
```

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 #002057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002057
}
```

Border

The CSS property to change the border of an element to Hex 002057 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
#002057 }
```

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

```
.border{ border-color:#002057 }
```

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

Here you see how a box with a 4 pixel #002057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002057; -webkit-box-shadow:4px 4px  
4px 4px #002057; box-shadow:4px 4px 4px  
4px #002057 }
```

Background

The CSS property to change the background color of an element to Hex 002057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002057 }
```

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

```
.background{ background-color:#002057 }
```

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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