

Converting Colors

Hex(002549)

Have a look what the booklet for
Hex(002549) contains.

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Color

Hex(002549)

Conversions

Conversions Part 1

Format	Color
Hex	002549
RGB	0, 37, 73
RGB Percent	0%, 15%, 29%
CMY	1.0000, 0.8549, 0.7137
CMYK	1.00, 0.49, 0.00, 0.71
HSL	210°, 100%, 14%
HSV	210°, 100%, 29%
XYZ	1.8642, 1.8042, 6.5533
YIQ	30.0410, -33.6080, 3.3520

Conversions

Conversions Part 2

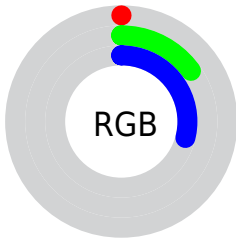
Format	Color
RYB	0, 25, 73
Decimal	9545
CIELab	14.42, 3.70, -25.92
CIELCh	14, 26.186, 278.127
Yxy	1.8042, 0.1824, 0.1765
Android (android.graphics.Color)	4278199625 (0xFF002549)
YUV	30.0410, 21.1788, -26.3460
Hunter-Lab	13.4320, 1.2674, -19.5246

Details

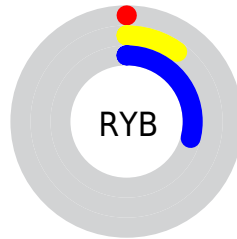
The Hex color **002549** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **492400**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3A517A**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **002549**, and if you desaturate by 10%, it is **072949**.

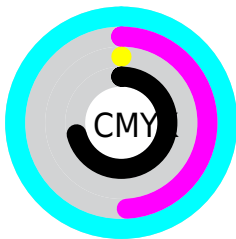
Distribution



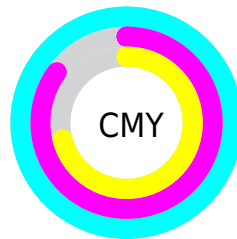
- Red (0%)
- Green (15%)
- Blue (29%)



- Red (0%)
- Yellow (10%)
- Blue (29%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002549 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 002549 by changing the saturation by 10% instead.

 002549

 002549

 F8FFFF

 001032

 3A517A

 00021D

 536994

 000000

 6D82AF

 889CCA

 A3B7E6

 BED3FF

 DBEFFF

 002549

■ 072949

■ 0F2C49

■ 163049

■ 1D3349

■ 253749

■ 2C3B49

■ 333E49

■ 3A4249

■ 424549

Harmonies

Analogous

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



002A47



002549



2B1D42

Triad

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



002549



43170E



002C16

Complementary

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



002549



492400

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.



162A00



002549



391E00

Square

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



002549



451220



2A2500



002D29

Rectangle

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



002549



391838



2A2500



012B10

Sweetspot

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



002549



42505E



004923



1F2830



B0B0B0



303030

Same Dimension

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



002549



00305E



000149



202224



003263



0073E3

Inverse Universe

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



490025



5E0030



494800



242022



630032



E30073

Previews

White Background



This preview shows how the Hex color 002549 looks on a white background.

Color Contrast Check

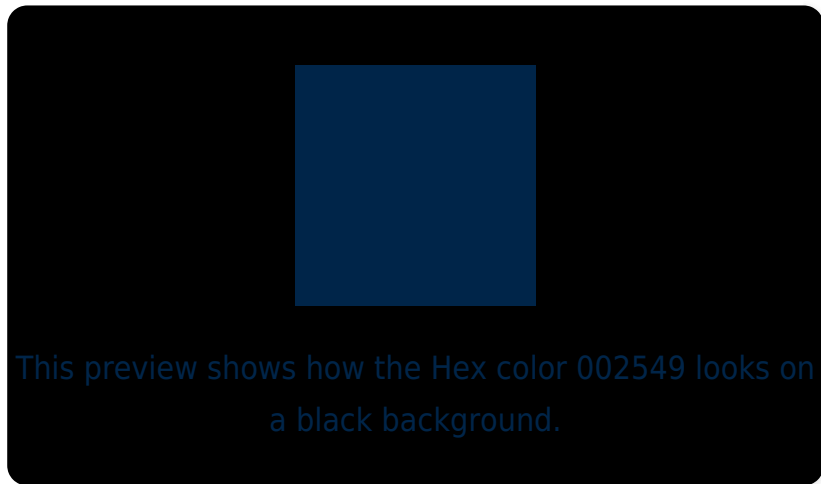
Large Text (above 18pt) WCAG AA ✓ Pass

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

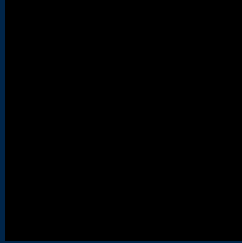
Any Text WCAG AA × Fail

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 002549 Background



This preview shows how black text looks on a background with the Hex color 002549.



This preview shows how white text looks on a background with the Hex color 002549.

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
002549

Protanopia
112448

Deuteranopia
002643

Trichromacy



Original Color
002549

Protanomaly
0B2448

Deuteranomaly
002645

Tritanomaly
002837

Monochromacy



Original Color
002549

Achromatopsia
1E1E1E

Achromatomaly
13212E

CSS Examples

Text

The CSS property to change the color of the text to Hex 002549 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 #002549 looks like.

```
.text, #text, p{  
    color:#002549  
}
```

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 #002549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002549
}
```

Border

The CSS property to change the border of an element to Hex 002549 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
#002549 }
```

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

```
.border{ border-color:#002549 }
```

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

Here you see how a box with a 4 pixel #002549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002549; -webkit-box-shadow:4px 4px  
4px 4px #002549; box-shadow:4px 4px 4px  
4px #002549 }
```

Background

The CSS property to change the background color of an element to Hex 002549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002549 }
```

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

```
.background{ background-color:#002549 }
```

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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