

Converting Colors

Hex(004873)

Have a look what the booklet for
Hex(004873) contains.

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Color

Hex(004873)

Conversions

Conversions Part 1

Format	Color
Hex	004873
RGB	0, 72, 115
RGB Percent	0%, 28%, 45%
CMY	1.0000, 0.7176, 0.5490
CMYK	1.00, 0.37, 0.00, 0.55
HSL	202°, 100%, 23%
HSV	202°, 100%, 45%
XYZ	5.4119, 5.8725, 17.0679
YIQ	55.3740, -56.7150, -1.8910

Conversions

Conversions Part 2

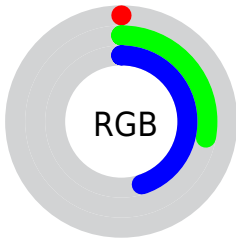
Format	Color
RYB	0, 44, 115
Decimal	18547
CIELab	29.09, -1.99, -30.10
CIELCh	29, 30.164, 266.216
Yxy	5.8725, 0.1909, 0.2071
Android (android.graphics.Color)	4278208627 (0xFF004873)
YUV	55.3740, 29.3956, -48.5630
Hunter-Lab	24.2333, -2.5450, -24.7956

Details

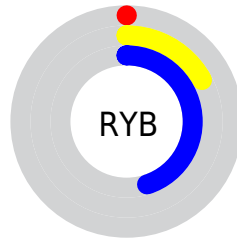
The Hex color **004873** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **732B00**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4878A7**, and **001D42** is the 20% darker color. If you saturate the color by 10%, you get **004873**, and if you desaturate by 10%, it is **0B4C73**.

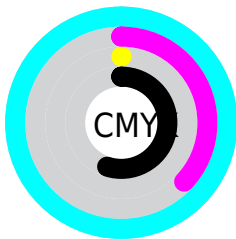
Distribution



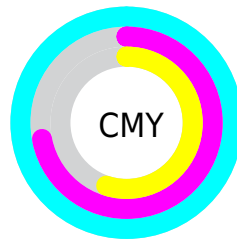
- Red (0%)
- Green (28%)
- Blue (45%)



- Red (0%)
- Yellow (17%)
- Blue (45%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (72%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004873 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 004873 by changing the saturation by 10% instead.

■ 004873

■ 004873

FFFFFF

■ 00325A

■ 4878A7

■ 001D42

■ 6492C3

■ 00032C

■ 80ACDF

■ 000117

■ 9BC8FB

■ 000000

■ B8E4FF

■ D4FFFF

■ F2FFFF

■ 004873

■ 0B4C73

■ 175173

■ 235573

■ 2E5973

■ 3A5E73

■ 456273

■ 516673

■ 5C6A73

■ 686F73

Harmonies

Analogous

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



004D6B



004873



41406E

Triad

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



004873



6F3231



1F4E2A

Complementary

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



004873



732B00

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.



3D4918



004873



663A1E

Square

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



004873



6D3049



544214



005041

Rectangle

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



004873



563965



544214



2B4D23

Sweetspot

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



004873



698696



00732A



31424D



CCCCCC



4D4D4D

Same Dimension

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



004873



005E96



000F73



35383B



004D7A



009CFA

Inverse Universe

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



730048



96005E



736400



3B3538



7A004D



FA009C

Previews

White Background



This preview shows how the Hex color 004873 looks on a white background.

Color Contrast Check

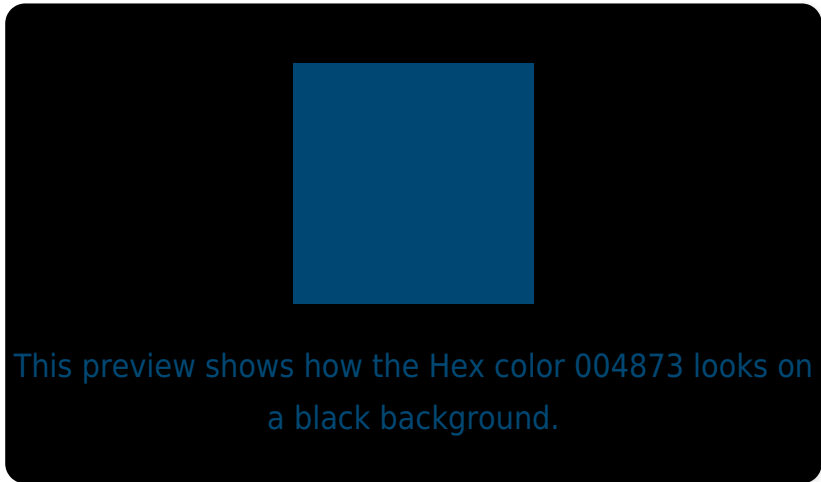
Large Text (above 18pt) WCAG AA ✓ Pass

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

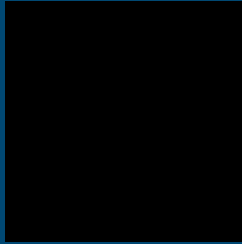
Any Text WCAG AA × Fail

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 004873 Background



This preview shows how black text looks on a background with the Hex color 004873.



This preview shows how white text looks on a background with the Hex color 004873.

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



Trichromacy



Original Color
004873

Protanomaly
214570

Deuteranomaly
184674

Tritanomaly
004B5E

Monochromacy



Original Color
004873

Achromatopsia
373737

Achromatomaly
233D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 004873 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 #004873 looks like.

```
.text, #text, p{  
    color:#004873  
}
```

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 #004873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004873
}
```

Border

The CSS property to change the border of an element to Hex 004873 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
#004873 }
```

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

```
.border{ border-color:#004873 }
```

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

Here you see how a box with a 4 pixel #004873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004873; -webkit-box-shadow:4px 4px  
4px 4px #004873; box-shadow:4px 4px 4px  
4px #004873 }
```

Background

The CSS property to change the background color of an element to Hex 004873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004873 }
```

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

```
.background{ background-color:#004873 }
```

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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