

Converting Colors

Hex(004073)

Have a look what the booklet for
Hex(004073) contains.

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Color

Hex(004073)

Conversions

Conversions Part 1

Format	Color
Hex	004073
RGB	0, 64, 115
RGB Percent	0%, 25%, 45%
CMY	1.0000, 0.7490, 0.5490
CMYK	1.00, 0.44, 0.00, 0.55
HSL	207°, 100%, 23%
HSV	207°, 100%, 45%
XYZ	4.9279, 4.9046, 16.9066
YIQ	50.6780, -54.5150, 2.2930

Conversions

Conversions Part 2

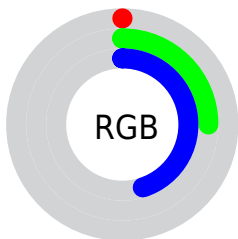
Format	Color
RYB	0, 41, 115
Decimal	16499
CIELab	26.46, 3.42, -34.29
CIElCh	26, 34.458, 275.696
Yxy	4.9046, 0.1843, 0.1834
Android (android.graphics.Color)	4278206579 (0xFF004073)
YUV	50.6780, 31.7107, -44.4446
Hunter-Lab	22.1463, 0.9630, -29.7598

Details

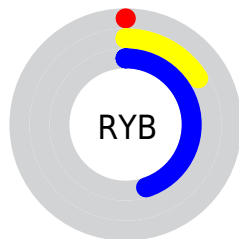
The Hex color **004073** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **733300**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **486FA7**, and **001642** is the 20% darker color. If you saturate the color by 10%, you get **004073**, and if you desaturate by 10%, it is **0B4573**.

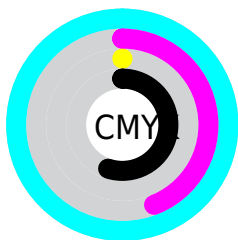
Distribution



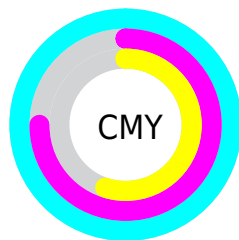
- Red (0%)
- Green (25%)
- Blue (45%)



- Red (0%)
- Yellow (16%)
- Blue (45%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (75%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004073 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 004073 by changing the saturation by 10% instead.

004073

004073

FFFFFF

002A5A

486FA7

001642

6488C3

00032C

7FA3DF

000116

9BBEFC

000000

B7D9FF

D4F6FF

F1FFFF

004073

■ 0B4573

■ 174A73

■ 234F73

■ 2E5473

■ 3A5A73

■ 455F73

■ 516473

■ 5C6973

■ 686E73

Harmonies

Analogous

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



00476E



004073



463569

Triad

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



004073



6B2A21



004928

Complementary

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



004073



733300

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.



2C4610



004073



5D350C

Square

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



004073



6D253B



473F03



004B43

Rectangle

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



004073



5B2E5D



473F03



10481F

Sweetspot

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



004073



698296



007332



31404D



CCCCCC



4D4D4D

Same Dimension

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



004073



005496



000873



35383B



00447A



008BFA

Inverse Universe

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



730040



960054



736B00



3B3538



7A0044



FA008B

Previews

White Background



This preview shows how the Hex color 004073 looks on a white background.

Color Contrast Check

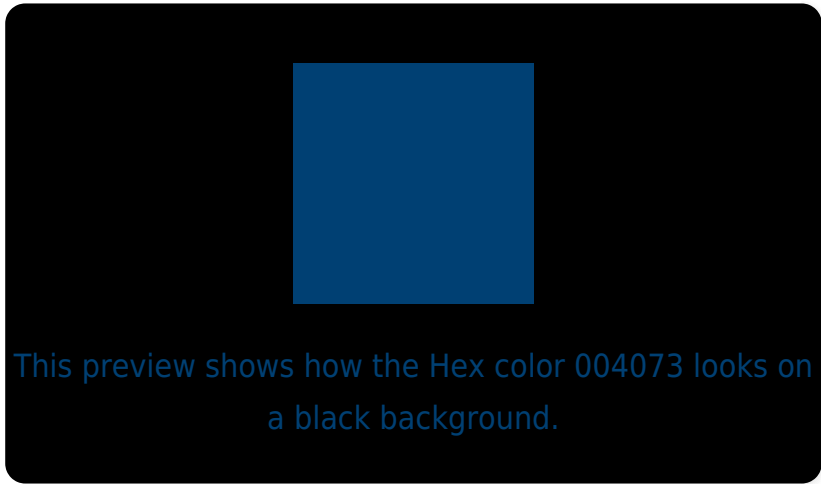
Large Text (above 18pt) WCAG AA ✓ Pass

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

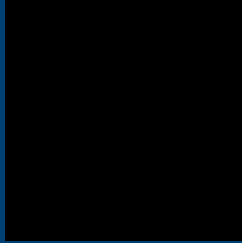
Any Text WCAG AA × Fail

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 004073 Background



This preview shows how black text looks on a background with the Hex color 004073.



This preview shows how white text looks on a background with the Hex color 004073.

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





Tritanopia
00464B

Trichromacy



Original Color
004073

Protanomaly
193E71

Deuteranomaly
004072

Tritanomaly
00445A

Monochromacy



Original Color
004073

Achromatopsia
333333

Achromatomaly
20384A

CSS Examples

Text

The CSS property to change the color of the text to Hex 004073 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 #004073 looks like.

```
.text, #text, p{  
    color:#004073  
}
```

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 #004073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004073
}
```

Border

The CSS property to change the border of an element to Hex 004073 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
#004073 }
```

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

```
.border{ border-color:#004073 }
```

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

Here you see how a box with a 4 pixel #004073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004073; -webkit-box-shadow:4px 4px  
4px 4px #004073; box-shadow:4px 4px 4px  
4px #004073 }
```

Background

The CSS property to change the background color of an element to Hex 004073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004073 }
```

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

```
.background{ background-color:#004073 }
```

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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