

Converting Colors

Hex(003770)

Have a look what the booklet for
Hex(003770) contains.

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Color

Hex(003770)

Conversions

Conversions Part 1

Format	Color
Hex	003770
RGB	0, 55, 112
RGB Percent	0%, 22%, 44%
CMY	1.0000, 0.7843, 0.5608
CMYK	1.00, 0.51, 0.00, 0.56
HSL	211°, 100%, 22%
HSV	211°, 100%, 44%
XYZ	4.2908, 3.9022, 15.8563
YIQ	45.0530, -51.0770, 6.0670

Conversions

Conversions Part 2

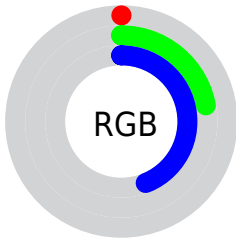
Format	Color
RYB	0, 37, 112
Decimal	14192
CIELab	23.35, 8.44, -37.39
CIELCh	23, 38.327, 282.724
Yxy	3.9022, 0.1784, 0.1623
Android (android.graphics.Color)	4278204272 (0xFF003770)
YUV	45.0530, 33.0049, -39.5115
Hunter-Lab	19.7541, 4.2027, -33.7634

Details

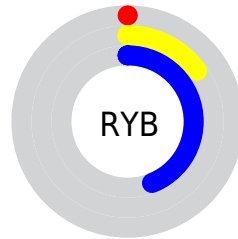
The Hex color **003770** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **703900**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4765A4**, and **000C3F** is the 20% darker color. If you saturate the color by 10%, you get **003770**, and if you desaturate by 10%, it is **0B3D70**.

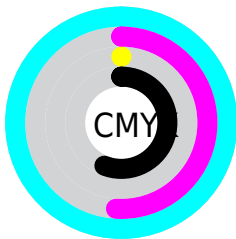
Distribution



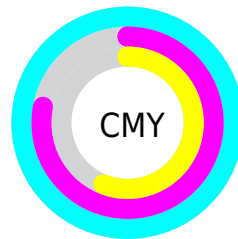
- Red (0%)
- Green (22%)
- Blue (44%)



- Red (0%)
- Yellow (15%)
- Blue (44%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003770 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 003770 by changing the saturation by 10% instead.

■ 003770

■ 003770

FFFFFF

■ 002257

■ 4765A4

■ 000C3F

■ 637EC0

■ 000329

■ 7E98DC

■ 000113

■ 9AB2F8

■ 000000

■ B6CEFF

■ D3EAFF

■ F0FFFF

■ 003770

■ 0B3D70

■ 164270

■ 224870

■ 2D4E70

■ 385370

■ 435970

■ 4E5F70

■ 5A6570

■ 656A70

Harmonies

Analogous

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



003F6F



003770



482A62

Triad

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



003770



632312



004325

Complementary

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



003770



703900

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.



174007



003770



523000

Square

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



003770



6A182D



3A3A00



004543

Rectangle

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



003770



5C2052



3A3A00



00431C

Sweetspot

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



003770



667B91



007038



2F3C4A



C9C9C9



4A4A4A

Same Dimension

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



003770



004791



000070



323538



003B78



0079F7

Inverse Universe

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



700037



910047



707000



383235



78003B



F70079

Previews

White Background



This preview shows how the Hex color 003770 looks on a white background.

Color Contrast Check

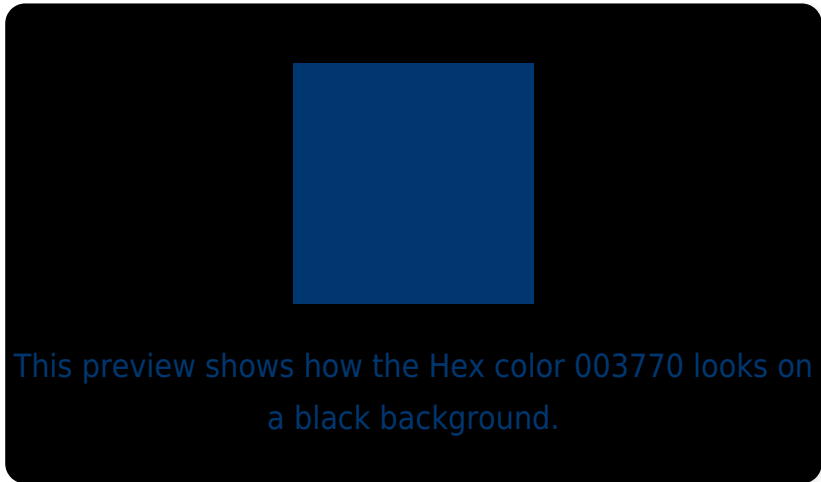
Large Text (above 18pt) WCAG AA ✓ Pass

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 003770 Background



This preview shows how black text looks on a background with the Hex color 003770.



This preview shows how white text looks on a background with the Hex color 003770.

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
003770

Protanopia
14366F

Deuteranopia
003A64



Tritanopia
003F43

Trichromacy



Original Color
003770

Protanomaly
0D366F

Deuteranomaly
003968

Tritanomaly
003C53

Monochromacy



Original Color
003770

Achromatopsia
2D2D2D

Achromatomaly
1D3145

CSS Examples

Text

The CSS property to change the color of the text to Hex 003770 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 #003770 looks like.

```
.text, #text, p{  
    color:#003770  
}
```

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 #003770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003770
}
```

Border

The CSS property to change the border of an element to Hex 003770 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
#003770 }
```

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

```
.border{ border-color:#003770 }
```

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

Here you see how a box with a 4 pixel #003770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003770; -webkit-box-shadow:4px 4px  
4px 4px #003770; box-shadow:4px 4px 4px  
4px #003770 }
```

Background

The CSS property to change the background color of an element to Hex 003770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003770 }
```

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

```
.background{ background-color:#003770 }
```

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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