

Converting Colors

Hex(003772)

Have a look what the booklet for
Hex(003772) contains.

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Color

Hex(003772)

Conversions

Conversions Part 1

Format	Color
Hex	003772
RGB	0, 55, 114
RGB Percent	0%, 22%, 45%
CMY	1.0000, 0.7843, 0.5529
CMYK	1.00, 0.52, 0.00, 0.55
HSL	211°, 100%, 22%
HSV	211°, 100%, 45%
XYZ	4.4035, 3.9473, 16.4494
YIQ	45.2810, -51.7190, 6.6890

Conversions

Conversions Part 2

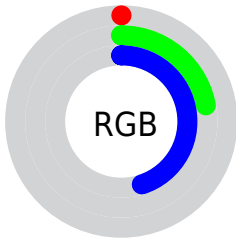
Format	Color
RYB	0, 37, 114
Decimal	14194
CIELab	23.50, 9.34, -38.42
CIELCh	23, 39.540, 283.657
Yxy	3.9473, 0.1776, 0.1592
Android (android.graphics.Color)	4278204274 (0xFF003772)
YUV	45.2810, 33.8785, -39.7114
Hunter-Lab	19.8678, 4.7938, -35.1814

Details

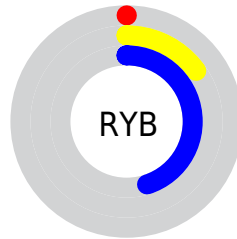
The Hex color **003772** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **723B00**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4865A6**, and **000C41** is the 20% darker color. If you saturate the color by 10%, you get **003772**, and if you desaturate by 10%, it is **0B3D72**.

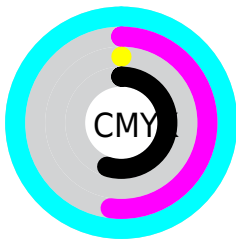
Distribution



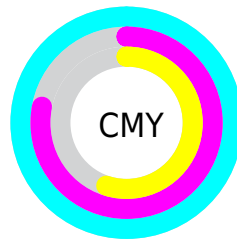
- Red (0%)
- Green (22%)
- Blue (45%)



- Red (0%)
- Yellow (15%)
- Blue (45%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (78%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003772 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 003772 by changing the saturation by 10% instead.

003772

003772

FFFFFF

002259

4865A6

000C41

647EC2

00032B

7F98DE

000115

9BB2FB

000000

B7CEFF

D4EAFF

F1FFFF

003772

■ 0B3D72

■ 174372

■ 224972

■ 2E4F72

■ 395572

■ 445A72

■ 506072

■ 5B6672

■ 676C72

Harmonies

Analogous

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



004071



003772



4A2963

Triad

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



003772



642310



004426

Complementary

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



003772



723B00

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.



144107



003772



533100

Square

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



003772



6C162C



393B00



004545

Rectangle

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



003772



5E1F53



393B00



00431C

Sweetspot

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



003772



687D94



00723B



2F3C4A



C9C9C9



4A4A4A

Same Dimension

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



003772



004794



020072



323538



003A78



0077F7

Inverse Universe

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



720037



940047



707200



383235



78003A



F70077

Previews

White Background



This preview shows how the Hex color 003772 looks on a white background.

Color Contrast Check

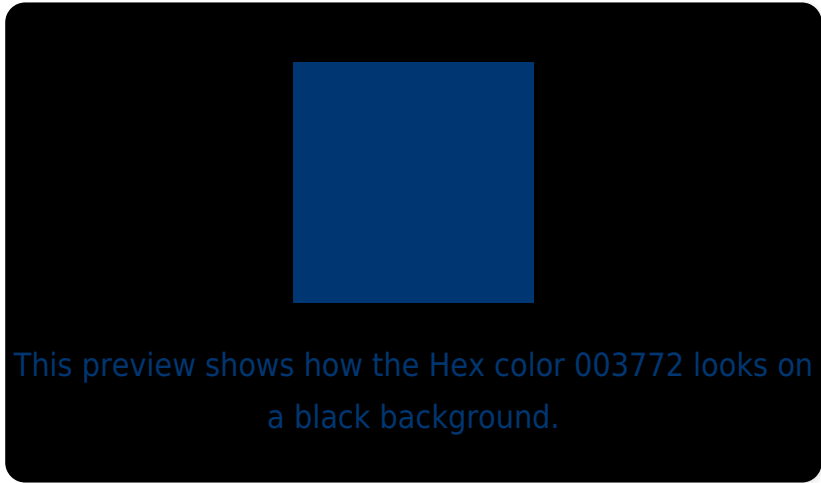
Large Text (above 18pt) WCAG AA ✓ Pass

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

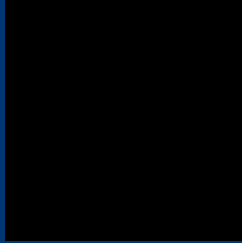
Any Text WCAG AA × Fail

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 003772 Background



This preview shows how black text looks on a background with the Hex color 003772.



This preview shows how white text looks on a background with the Hex color 003772.

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
003772

Protanopia
103772

Tritanopia
003F43

Trichromacy



Original Color
003772

Protanomaly
0A3772

Tritanomaly
003C54

Monochromacy



Original Color
003772

Achromatopsia
2D2D2D

Achromatomaly
1D3146

CSS Examples

Text

The CSS property to change the color of the text to Hex 003772 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 #003772 looks like.

```
.text, #text, p{  
    color:#003772  
}
```

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 #003772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003772
}
```

Border

The CSS property to change the border of an element to Hex 003772 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
#003772 }
```

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

```
.border{ border-color:#003772 }
```

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

Here you see how a box with a 4 pixel #003772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003772; -webkit-box-shadow:4px 4px  
4px 4px #003772; box-shadow:4px 4px 4px  
4px #003772 }
```

Background

The CSS property to change the background color of an element to Hex 003772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003772 }
```

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

```
.background{ background-color:#003772 }
```

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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