

Converting Colors

Hex(003875)

Have a look what the booklet for
Hex(003875) contains.

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Color

Hex(003875)

Conversions

Conversions Part 1

Format	Color
Hex	003875
RGB	0, 56, 117
RGB Percent	0%, 22%, 46%
CMY	1.0000, 0.7804, 0.5412
CMYK	1.00, 0.52, 0.00, 0.54
HSL	211°, 100%, 23%
HSV	211°, 100%, 46%
XYZ	4.6251, 4.1127, 17.3797
YIQ	46.2100, -52.9570, 7.0990

Conversions

Conversions Part 2

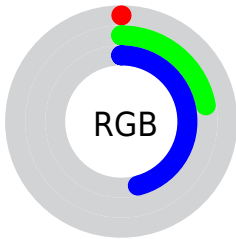
Format	Color
RYB	0, 38, 117
Decimal	14453
CIELab	24.04, 9.95, -39.45
CIELCh	24, 40.691, 284.159
Yxy	4.1127, 0.1771, 0.1575
Android (android.graphics.Color)	4278204533 (0xFF003875)
YUV	46.2100, 34.8995, -40.5262
Hunter-Lab	20.2798, 5.2195, -36.6154

Details

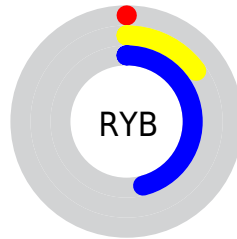
The Hex color **003875** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **753D00**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4966AA**, and **000E44** is the 20% darker color. If you saturate the color by 10%, you get **003875**, and if you desaturate by 10%, it is **0C3E75**.

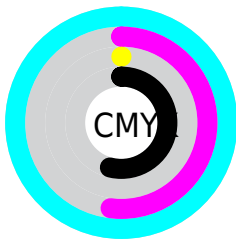
Distribution



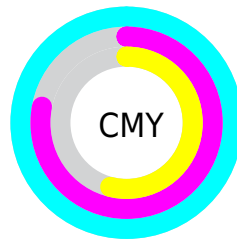
- Red (0%)
- Green (22%)
- Blue (46%)



- Red (0%)
- Yellow (15%)
- Blue (46%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (78%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003875 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 003875 by changing the saturation by 10% instead.

 003875

 003875

FFFFFF

 00235C

 4966AA

 000E44

 657FC5

 00032D

 8199E1

 000117

 9CB4FE

 000000

 B9CFFF

 D6EBFF

 F3FFFF

 003875

■ 0C3E75

■ 174475

■ 234A75

■ 2F5075

■ 3B5775

■ 465D75

■ 526375

■ 5E6975

■ 696F75

Harmonies

Analogous

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



004174



003875



4C2A65

Triad

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



003875



67230F



004627

Complementary

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



003875



753D00

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.



134306



003875



543200

Square

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



003875



6F162C



3A3C00



004747

Rectangle

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



003875



601F54



3A3C00



00451D

Sweetspot

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



003875



6B8199



00753C



313E4D



CCCCCC



4D4D4D

Same Dimension

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



003875



004999



020075



35383B



003B7A



0078FA

Inverse Universe

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



750038



990049



737500



3B3538



7A003B



FA0078

Previews

White Background



This preview shows how the Hex color 003875 looks on a white background.

Color Contrast Check

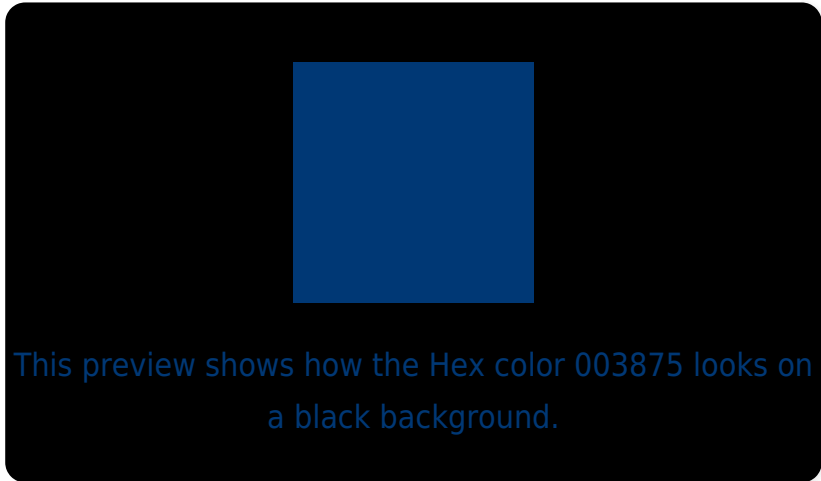
Large Text (above 18pt) WCAG AA ✓ Pass

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 003875 Background



This preview shows how black text looks on a background with the Hex color 003875.



This preview shows how white text looks on a background with the Hex color 003875.

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
003875

Protanopia
0E3875

Deuteranopia
003B66

Trichromacy



Original Color

003875

Protanomaly

093875

Deuteranomaly

003A6B

Tritanomaly

003D56

Monochromacy



Original Color

003875

Achromatopsia

2E2E2E

Achromatomaly

1D3248

CSS Examples

Text

The CSS property to change the color of the text to Hex 003875 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 #003875 looks like.

```
.text, #text, p{  
    color:#003875  
}
```

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 #003875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003875
}
```

Border

The CSS property to change the border of an element to Hex 003875 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
#003875 }
```

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

```
.border{ border-color:#003875 }
```

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

Here you see how a box with a 4 pixel #003875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003875; -webkit-box-shadow:4px 4px  
4px 4px #003875; box-shadow:4px 4px 4px  
4px #003875 }
```

Background

The CSS property to change the background color of an element to Hex 003875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003875 }
```

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

```
.background{ background-color:#003875 }
```

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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