

Converting Colors

Hex(00375A)

Have a look what the booklet for
Hex(00375A) contains.

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Color

Hex(00375A)

Conversions

Conversions Part 1

Format	Color
Hex	00375A
RGB	0, 55, 90
RGB Percent	0%, 22%, 35%
CMY	1.0000, 0.7843, 0.6471
CMYK	1.00, 0.39, 0.00, 0.65
HSL	203°, 100%, 18%
HSV	203°, 100%, 35%
XYZ	3.2117, 3.4706, 10.1735
YIQ	42.5450, -44.0150, -0.7750

Conversions

Conversions Part 2

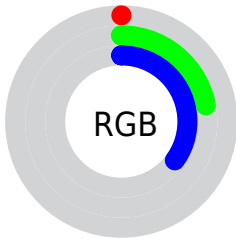
Format	Color
RYB	0, 34, 90
Decimal	14170
CIELab	21.84, -1.45, -25.52
CIELCh	22, 25.558, 266.755
Yxy	3.4706, 0.1905, 0.2059
Android (android.graphics.Color)	4278204250 (0xFF00375A)
YUV	42.5450, 23.3953, -37.3120
Hunter-Lab	18.6294, -1.8287, -19.3374

Details

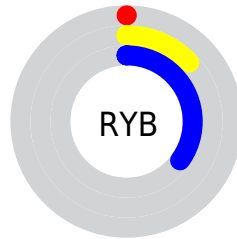
The Hex color **00375A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5A2300**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **40658C**, and **000B2C** is the 20% darker color. If you saturate the color by 10%, you get **00375A**, and if you desaturate by 10%, it is **093A5A**.

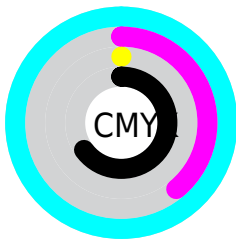
Distribution



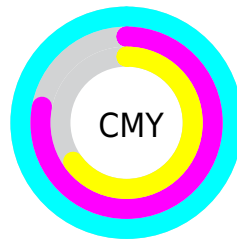
- Red (0%)
- Green (22%)
- Blue (35%)



- Red (0%)
- Yellow (13%)
- Blue (35%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00375A 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 00375A by changing the saturation by 10% instead.

00375A

00375A

FFFFFF

002242

40658C

000B2C

5A7EA7

000117

7598C2

000000

90B3DE

ABCEFB

C8EBFF

E4FFFF

00375A

■ 093A5A

■ 123E5A

■ 1B415A

■ 24455A

■ 2D485A

■ 364C5A

■ 3F4F5A

■ 48535A

■ 51575A

Harmonies

Analogous

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



003B54



00375A



323056

Triad

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



00375A



572524



153C1F

Complementary

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



00375A



5A2300

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.



2E3810



00375A



4F2B15

Square

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



00375A



552437



41330C



003D32

Rectangle

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



00375A



432B4E



41330C



1F3B19

Sweetspot

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



00375A



526875



005A23



26323B



BABABA



3B3B3B

Same Dimension

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



00375A



004875



000A5A



292C2E



00436E



0091ED

Inverse Universe

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



5A0037



750048



5A5000



2E292C



6E0043



ED0091

Previews

White Background



This preview shows how the Hex color 00375A looks on a white background.

Color Contrast Check

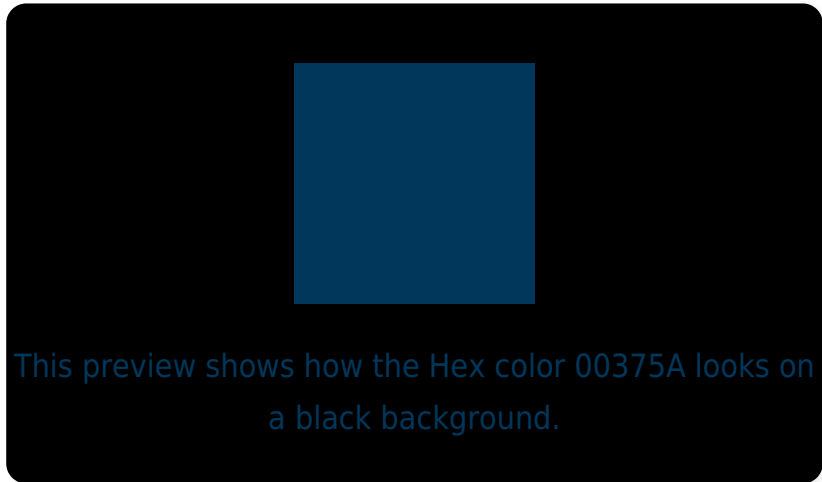
Large Text (above 18pt) WCAG AA ✓ Pass

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

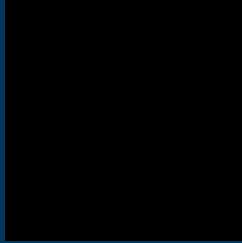
Any Text WCAG AA × Fail

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 00375A Background



This preview shows how black text looks on a background with the Hex color 00375A.



This preview shows how white text looks on a background with the Hex color 00375A.

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
00375A

Protanopia
273457

Deuteranopia
19355A



Tritanopia
003B3F

Trichromacy



Original Color
00375A

Protanomaly
193558

Deuteranomaly
10365A

Tritanomaly
003A49

Monochromacy



Original Color
00375A

Achromatopsia
2B2B2B

Achromatomaly
1B2F3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00375A 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 #00375A looks like.

```
.text, #text, p{  
    color:#00375A  
}
```

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 #00375A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00375A
}
```

Border

The CSS property to change the border of an element to Hex 00375A 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
#00375A }
```

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

```
.border{ border-color:#00375A }
```

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

Here you see how a box with a 4 pixel #00375A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00375A; -webkit-box-shadow:4px 4px  
4px 4px #00375A; box-shadow:4px 4px 4px  
4px #00375A }
```

Background

The CSS property to change the background color of an element to Hex 00375A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00375A }
```

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

```
.background{ background-color:#00375A }
```

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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