

Converting Colors

Hex(003B42)

Have a look what the booklet for
Hex(003B42) contains.

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Color

Hex(003B42)

Conversions

Conversions Part 1

Format	Color
Hex	003B42
RGB	0, 59, 66
RGB Percent	0%, 23%, 26%
CMY	1.0000, 0.7686, 0.7412
CMYK	1.00, 0.11, 0.00, 0.74
HSL	186°, 100%, 13%
HSV	186°, 100%, 26%
XYZ	2.5473, 3.5213, 5.6997
YIQ	42.1570, -37.4110, -10.3310

Conversions

Conversions Part 2

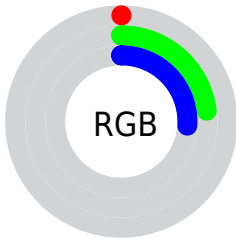
Format	Color
RYB	0, 31, 66
Decimal	15170
CIELab	22.02, -14.25, -9.26
CIELCh	22, 16.999, 213.016
Yxy	3.5213, 0.2165, 0.2992
Android (android.graphics.Color)	4278205250 (0xFF003B42)
YUV	42.1570, 11.7546, -36.9717
Hunter-Lab	18.7651, -8.6077, -4.8731

Details

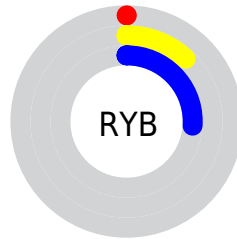
The Hex color **003B42** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **420700**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3A6A72**, and **000E18** is the 20% darker color. If you saturate the color by 10%, you get **003B42**, and if you desaturate by 10%, it is **073C42**.

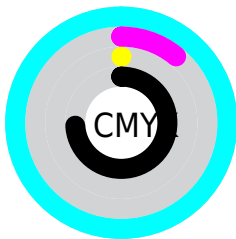
Distribution



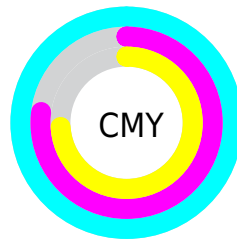
- Red (0%)
- Green (23%)
- Blue (26%)



- Red (0%)
- Yellow (12%)
- Blue (26%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (74%)



- Cyan (100%)
- Magenta (77%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003B42 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 003B42 by changing the saturation by 10% instead.

 003B42

 003B42

 F8FFFF

 00252C

 3A6A72

 000E18

 53848B

 000000

 6D9EA6

 88B9C1

 A3D5DD

 BEF1F9

 DBFFFF

 003B42

■ 073C42

■ 0D3C42

■ 143D42

■ 1A3E42

■ 213F42

■ 283F42

■ 2E4042

■ 354142

■ 3B4142

Harmonies

Analogous

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



0D3B36



003B42



0D394B

Triad

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



003B42



462D40



3C341B

Complementary

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



003B42



420700

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.



46301F



003B42



4D2B34

Square

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



003B42



38314A



4C2C28



2E381F

Rectangle

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



003B42



1D374D



4C2C28



40331C

Sweetspot

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



003B42



3D5457



004207



1C2A2B



ABABAB



2B2B2B

Same Dimension

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



003B42



004E57



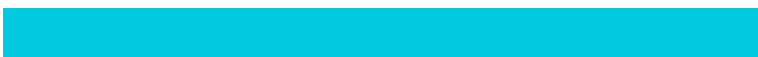
001A42



1E2121



005761



00C9E0

Inverse Universe

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



42003B



57004E



422800



211E21



610057



E000C9

Previews

White Background



This preview shows how the Hex color 003B42 looks on a white background.

Color Contrast Check

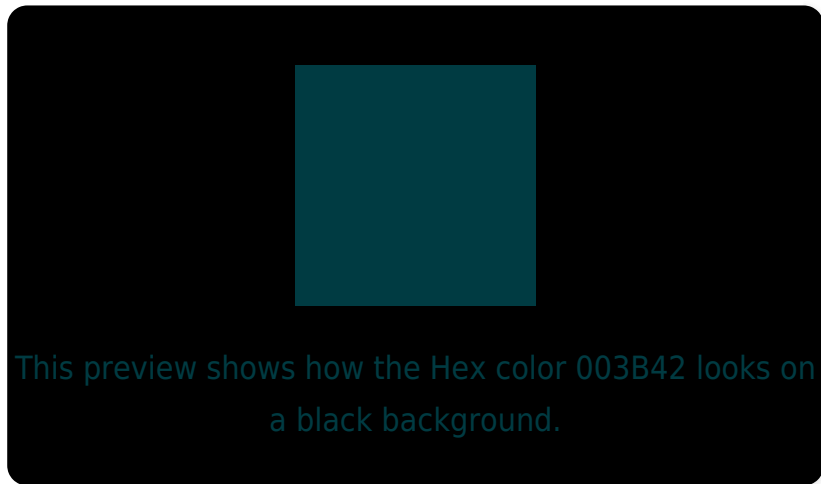
Large Text (above 18pt) WCAG AA ✓ Pass

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

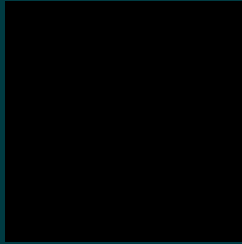
Any Text WCAG AA × Fail

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 003B42 Background



This preview shows how black text looks on a background with the Hex color 003B42.



This preview shows how white text looks on a background with the Hex color 003B42.

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
003B42

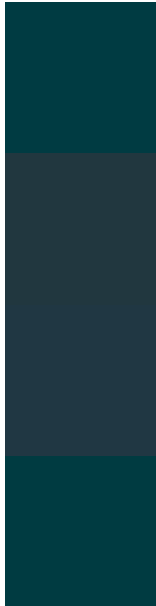
Protanopia
34353E

Deuteranopia
333444



Tritanopia
003B40

Trichromacy



Original Color
003B42

Protanomaly
21373F

Deuteranomaly
203743

Tritanomaly
003B41

Monochromacy



Original Color
003B42

Achromatopsia
2A2A2A

Achromatomaly
1B3033

CSS Examples

Text

The CSS property to change the color of the text to Hex 003B42 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 #003B42 looks like.

```
.text, #text, p{  
    color:#003B42  
}
```

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 #003B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B42
}
```

Border

The CSS property to change the border of an element to Hex 003B42 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
#003B42 }
```

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

```
.border{ border-color:#003B42 }
```

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

Here you see how a box with a 4 pixel #003B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B42; -webkit-box-shadow:4px 4px  
4px 4px #003B42; box-shadow:4px 4px 4px  
4px #003B42 }
```

Background

The CSS property to change the background color of an element to Hex 003B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B42 }
```

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

```
.background{ background-color:#003B42 }
```

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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