

Converting Colors

Hex(003A49)

Have a look what the booklet for
Hex(003A49) contains.

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Color

Hex(003A49)

Conversions

Conversions Part 1

Format	Color
Hex	003A49
RGB	0, 58, 73
RGB Percent	0%, 23%, 29%
CMY	1.0000, 0.7725, 0.7137
CMYK	1.00, 0.21, 0.00, 0.71
HSL	192°, 100%, 14%
HSV	192°, 100%, 29%
XYZ	2.7157, 3.5072, 6.8371
YIQ	42.3680, -39.3830, -7.6310

Conversions

Conversions Part 2

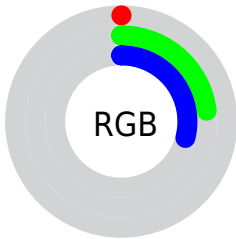
Format	Color
RYB	0, 32, 73
Decimal	14921
CIELab	21.97, -10.81, -14.03
CIELCh	22, 17.709, 232.386
Yxy	3.5072, 0.2079, 0.2685
Android (android.graphics.Color)	4278205001 (0xFF003A49)
YUV	42.3680, 15.1016, -37.1567
Hunter-Lab	18.7274, -6.8887, -8.5369

Details

The Hex color **003A49** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **490F00**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3B697A**, and **000F1E** is the 20% darker color. If you saturate the color by 10%, you get **003A49**, and if you desaturate by 10%, it is **073B49**.

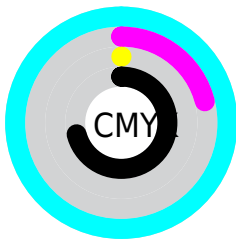
Distribution



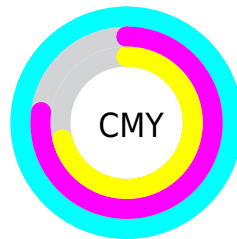
- Red (0%)
- Green (23%)
- Blue (29%)



- Red (0%)
- Yellow (13%)
- Blue (29%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003A49 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 003A49 by changing the saturation by 10% instead.

 003A49

 003A49

 FAFFFF

 002432

 3B697A

 000F1E

 558293

 000000

 6F9CAE

 8AB7C9

 A5D3E6

 C1EFFF

 DDFFFF

 003A49

■ 073B49

■ 0F3D49

■ 163E49

■ 1D4049

■ 254149

■ 2C4349

■ 334449

■ 3A4649

■ 424749

Harmonies

Analogous

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



003B3E



003A49



1B374E

Triad

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



003A49



4C2B38



33371C

Complementary

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



003A49



490F00

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.



40331A



003A49



4E2B2B

Square

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



003A49



422E45



4A2E20



243A24

Rectangle

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



003A49



2A344E



4A2E20



38361B

Sweetspot

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



003A49



42595E



00490F



1F2D30



B0B0B0



303030

Same Dimension

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



003A49



004B5E



001649



202324



004F63



00B4E3

Inverse Universe

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



49003A



5E004B



493300



242023



63004F



E300B4

Previews

White Background



This preview shows how the Hex color 003A49 looks on a white background.

Color Contrast Check

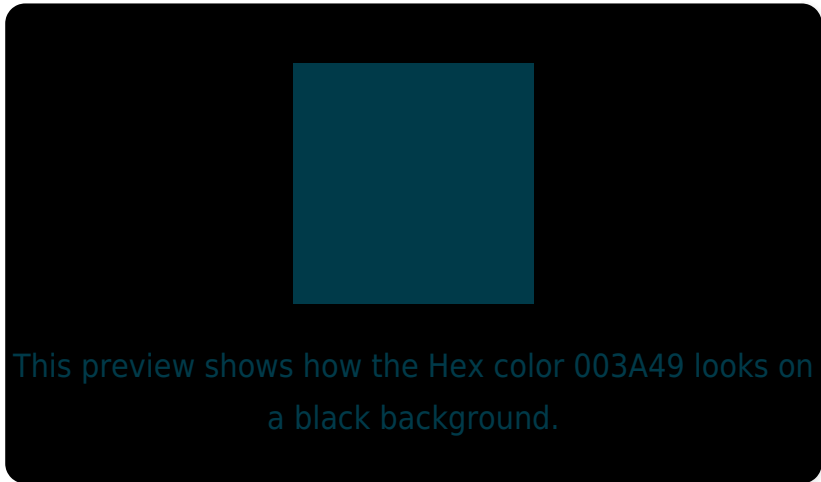
Large Text (above 18pt) WCAG AA ✓ Pass

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

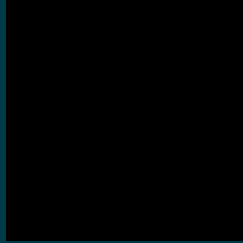
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

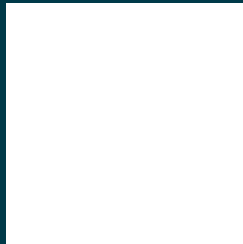
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 003A49 Background



This preview shows how black text looks on a background with the Hex color 003A49.



This preview shows how white text looks on a background with the Hex color 003A49.

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
003A49

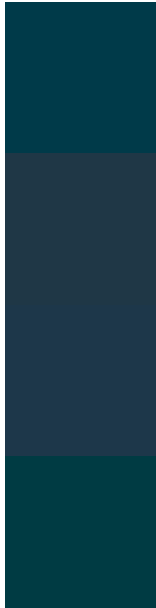
Protanopia
313545

Deuteranopia
2E354A



Tritanopia
003B40

Trichromacy



Original Color
003A49

Protanomaly
1F3746

Deuteranomaly
1D374A

Tritanomaly
003B43

Monochromacy



Original Color
003A49

Achromatopsia
2A2A2A

Achromatomaly
1B3035

CSS Examples

Text

The CSS property to change the color of the text to Hex 003A49 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 #003A49 looks like.

```
.text, #text, p{  
    color:#003A49  
}
```

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 #003A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003A49
}
```

Border

The CSS property to change the border of an element to Hex 003A49 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
#003A49 }
```

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

```
.border{ border-color:#003A49 }
```

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

Here you see how a box with a 4 pixel #003A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003A49; -webkit-box-shadow:4px 4px  
4px 4px #003A49; box-shadow:4px 4px 4px  
4px #003A49 }
```

Background

The CSS property to change the background color of an element to Hex 003A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003A49 }
```

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

```
.background{ background-color:#003A49 }
```

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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