

Converting Colors

Hex(003952)

Have a look what the booklet for
Hex(003952) contains.

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Color

Hex(003952)

Conversions

Conversions Part 1

Format	Color
Hex	003952
RGB	0, 57, 82
RGB Percent	0%, 22%, 32%
CMY	1.0000, 0.7765, 0.6784
CMYK	1.00, 0.30, 0.00, 0.68
HSL	198°, 100%, 16%
HSV	198°, 100%, 32%
XYZ	2.9861, 3.5355, 8.5077
YIQ	42.8070, -41.9970, -4.3090

Conversions

Conversions Part 2

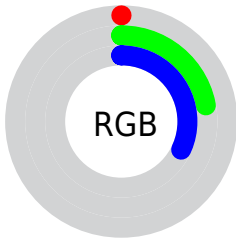
Format	Color
R_{YB}	0, 34, 82
Decimal	14674
CIE _{Lab}	22.07, -6.33, -19.86
CIE _{LCh}	22, 20.847, 252.314
Yxy	3.5355, 0.1987, 0.2352
Android (android.graphics.Color)	4278204754 (0xFF003952)
YUV	42.8070, 19.3221, -37.5417
Hunter-Lab	18.8028, -4.5569, -13.6649

Details

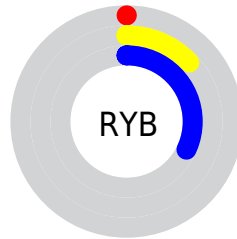
The Hex color **003952** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **521900**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3E6884**, and **000E25** is the 20% darker color. If you saturate the color by 10%, you get **003952**, and if you desaturate by 10%, it is **083C52**.

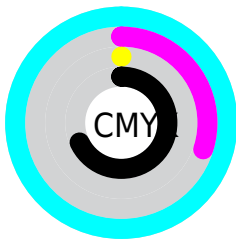
Distribution



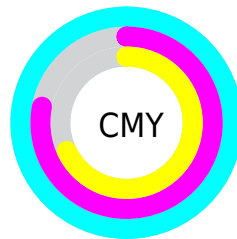
- Red (0%)
- Green (22%)
- Blue (32%)



- Red (0%)
- Yellow (13%)
- Blue (32%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (78%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003952 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 003952 by changing the saturation by 10% instead.

003952

003952

FEFFFF

00243B

3E6884

000E25

58819E

00010E

729BB9

000000

8DB6D4

A8D1F1

C4EEFF

E1FFFF

003952

■ 083C52

■ 103E52

■ 194152

■ 214352

■ 294652

■ 314852

■ 394A52

■ 424D52

■ 4A4F52

Harmonies

Analogous

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



003C49



003952



273453

Triad

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



003952



52282F



273A1D

Complementary

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



003952



521900

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.



383616



003952



4F2B21

Square

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



003952



4D293F



463117



113C2B

Rectangle

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



003952



38304F



463117



2D391A

Sweetspot

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



003952



4B616B



005219



223036



B5B5B5



363636

Same Dimension

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



003952



004A6B



001052



252829



004969



00A1E8

Inverse Universe

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



520039



6B004A



524200



292528



690049



E800A1

Previews

White Background



This preview shows how the Hex color 003952 looks on a white background.

Color Contrast Check

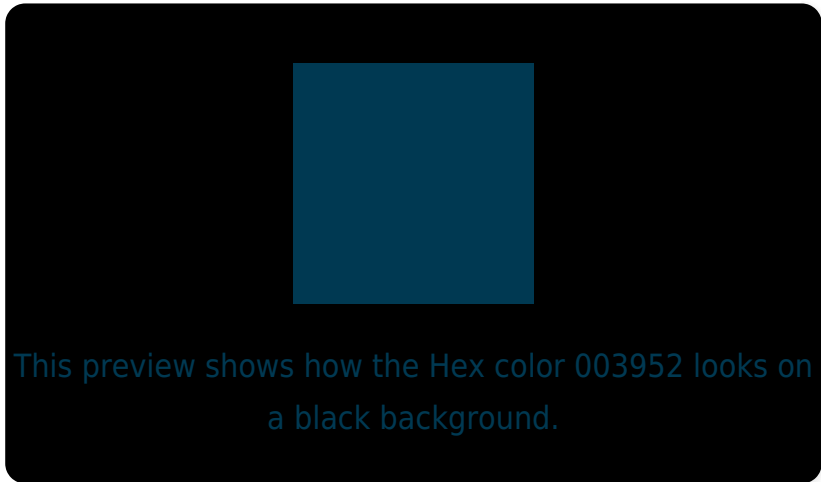
Large Text (above 18pt) WCAG AA ✓ Pass

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

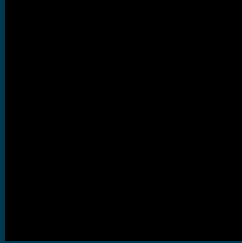
Any Text WCAG AA × Fail

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 003952 Background



This preview shows how black text looks on a background with the Hex color 003952.



This preview shows how white text looks on a background with the Hex color 003952.

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
003952

Protanopia
2D354E

Deuteranopia
263553



Tritanopia
003B40

Trichromacy



Original Color
003952

Protanomaly
1D364F

Deuteranomaly
183653

Tritanomaly
003A47

Monochromacy



Original Color
003952

Achromatopsia
2B2B2B

Achromatomaly
1B3039

CSS Examples

Text

The CSS property to change the color of the text to Hex 003952 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 #003952 looks like.

```
.text, #text, p{  
    color:#003952  
}
```

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 #003952 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003952
}
```

Border

The CSS property to change the border of an element to Hex 003952 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
#003952 }
```

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

```
.border{ border-color:#003952 }
```

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

Here you see how a box with a 4 pixel #003952 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003952; -webkit-box-shadow:4px 4px  
4px 4px #003952; box-shadow:4px 4px 4px  
4px #003952 }
```

Background

The CSS property to change the background color of an element to Hex 003952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003952 }
```

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

```
.background{ background-color:#003952 }
```

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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