

Converting Colors

Hex(003F52)

Have a look what the booklet for
Hex(003F52) contains.

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Color

Hex(003F52)

Conversions

Conversions Part 1

Format	Color
Hex	003F52
RGB	0, 63, 82
RGB Percent	0%, 25%, 32%
CMY	1.0000, 0.7529, 0.6784
CMYK	1.00, 0.23, 0.00, 0.68
HSL	194°, 100%, 16%
HSV	194°, 100%, 32%
XYZ	3.3005, 4.1642, 8.6125
YIQ	46.3290, -43.6470, -7.4470

Conversions

Conversions Part 2

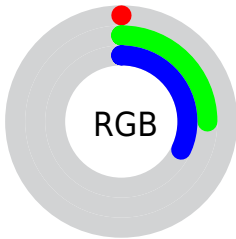
Format	Color
RYB	0, 36, 82
Decimal	16210
CIELab	24.21, -10.18, -16.53
CIELCh	24, 19.414, 238.367
Yxy	4.1642, 0.2053, 0.2590
Android (android.graphics.Color)	4278206290 (0xFF003F52)
YUV	46.3290, 17.5858, -40.6305
Hunter-Lab	20.4064, -6.8409, -10.7387

Details

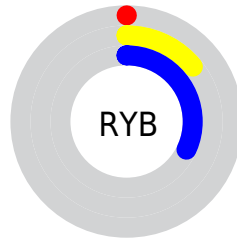
The Hex color **003F52** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **521300**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3E6F83**, and **001525** is the 20% darker color. If you saturate the color by 10%, you get **003F52**, and if you desaturate by 10%, it is **084152**.

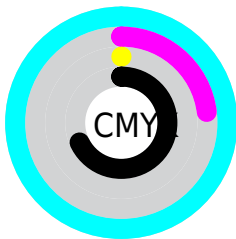
Distribution



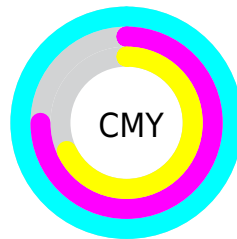
- Red (0%)
- Green (25%)
- Blue (32%)



- Red (0%)
- Yellow (14%)
- Blue (32%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (75%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003F52 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 003F52 by changing the saturation by 10% instead.

003F52

003F52

FFFFFF

00293B

3E6F83

001525

58889E

00010F

73A2B9

000000

8EBDD4

A9D9F1

C5F6FF

E2FFFF

003F52

■ 084152

■ 104352

■ 194552

■ 214752

■ 294952

■ 314A52

■ 394C52

■ 424E52

■ 4A5052

Harmonies

Analogous

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



004147



003F52



223B57

Triad

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



003F52



542E3B



353D1F

Complementary

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



003F52



521300

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.



44381C



003F52



552F2C

Square

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



003F52



4B3149



4F3321



23402A

Rectangle

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



003F52



323855



4F3321



3A3B1D

Sweetspot

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



003F52



4B646B



005212



223136



B5B5B5



363636

Same Dimension

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



003F52



00526B



001752



252829



005069



00B2E8

Inverse Universe

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



52003F



6B0052



523B00



292528



690050



E800B2

Previews

White Background



This preview shows how the Hex color 003F52 looks on a white background.

Color Contrast Check

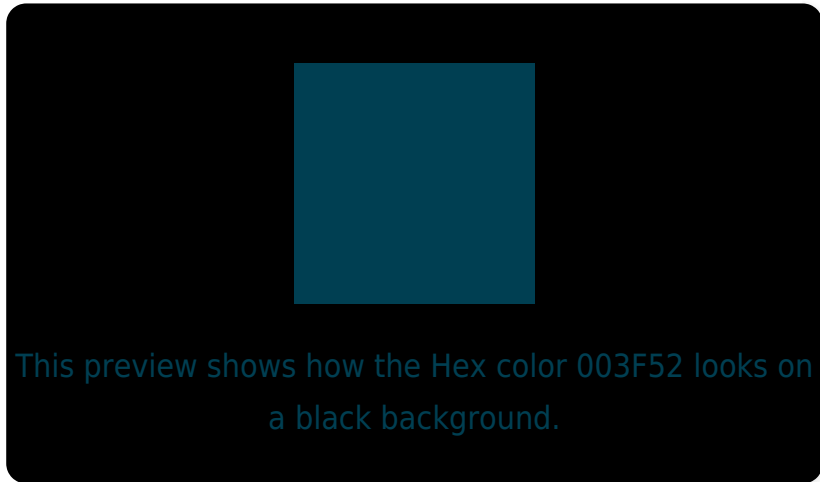
Large Text (above 18pt) WCAG AA ✓ Pass

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

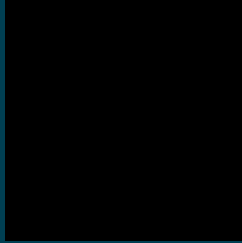
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

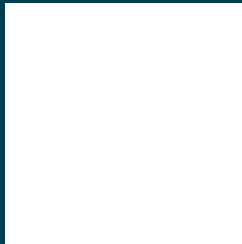
Any Text WCAG AAA × Fail

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

Hex 003F52 Background



This preview shows how black text looks on a background with the Hex color 003F52.



This preview shows how white text looks on a background with the Hex color 003F52.

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

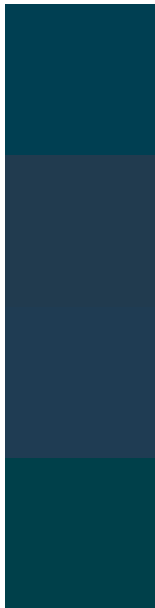


Original Color
003F52

Protanopia
34394E

Deuteranopia
303A53

Trichromacy



Original Color
003F52

Protanomaly
213B4F

Deuteranomaly
1F3C53

Tritanomaly
00404A

Monochromacy



Original Color
003F52

Achromatopsia
2E2E2E

Achromatomaly
1D343B

CSS Examples

Text

The CSS property to change the color of the text to Hex 003F52 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 #003F52 looks like.

```
.text, #text, p{  
    color:#003F52  
}
```

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 #003F52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F52
}
```

Border

The CSS property to change the border of an element to Hex 003F52 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
#003F52 }
```

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

```
.border{ border-color:#003F52 }
```

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

Here you see how a box with a 4 pixel #003F52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003F52; -webkit-box-shadow:4px 4px  
4px 4px #003F52; box-shadow:4px 4px 4px  
4px #003F52 }
```

Background

The CSS property to change the background color of an element to Hex 003F52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003F52 }
```

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

```
.background{ background-color:#003F52 }
```

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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