

Converting Colors

Hex(003F42)

Have a look what the booklet for
Hex(003F42) contains.

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Color

Hex(003F42)

Conversions

Conversions Part 1

Format	Color
Hex	003F42
RGB	0, 63, 66
RGB Percent	0%, 25%, 26%
CMY	1.0000, 0.7529, 0.7412
CMYK	1.00, 0.05, 0.00, 0.74
HSL	183°, 100%, 13%
HSV	183°, 100%, 26%
XYZ	2.7609, 3.9484, 5.7709
YIQ	44.5050, -38.5110, -12.4230

Conversions

Conversions Part 2

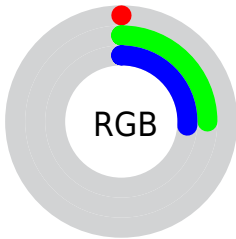
Format	Color
RYB	0, 32, 66
Decimal	16194
CIELab	23.50, -16.56, -7.02
CIELCh	23, 17.986, 202.981
Yxy	3.9484, 0.2212, 0.3164
Android (android.graphics.Color)	4278206274 (0xFF003F42)
YUV	44.5050, 10.5970, -39.0309
Hunter-Lab	19.8705, -9.9719, -3.3099

Details

The Hex color **003F42** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **420300**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3B6F72**, and **001518** is the 20% darker color. If you saturate the color by 10%, you get **003F42**, and if you desaturate by 10%, it is **073F42**.

Distribution



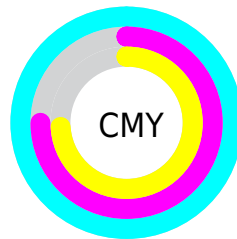
- Red (0%)
- Green (25%)
- Blue (26%)



- Red (0%)
- Yellow (13%)
- Blue (26%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (74%)



- Cyan (100%)
- Magenta (75%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003F42 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 003F42 by changing the saturation by 10% instead.

 003F42

 003F42

 F9FFFF

 00292C

 3B6F72

 001518

 54888B

 000000

 6EA3A6

 89BEC1

 A4DADD

 C0F6F9

 DCFFFF

 003F42

■ 073F42

■ 0D4042

■ 144042

■ 1A4042

■ 214142

■ 284142

■ 2E4142

■ 354142

■ 3B4242

Harmonies

Analogous

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



143F34



003F42



043D4D

Triad

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



003F42



463148



44361D

Complementary

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



003F42



420300

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.



4D3123



003F42



502E3C

Square

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



003F42



353651



522E2E



363A1F

Rectangle

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



003F42



163C51



522E2E



47351E

Sweetspot

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



003F42



3D5657



004202



1C2B2B



ABABAB



2B2B2B

Same Dimension

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



003F42



005357



001F42



1E2121



005C61



00D6E0

Inverse Universe

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



42003F



570053



422300



211E21



61005C



E000D6

Previews

White Background



This preview shows how the Hex color 003F42 looks on a white background.

Color Contrast Check

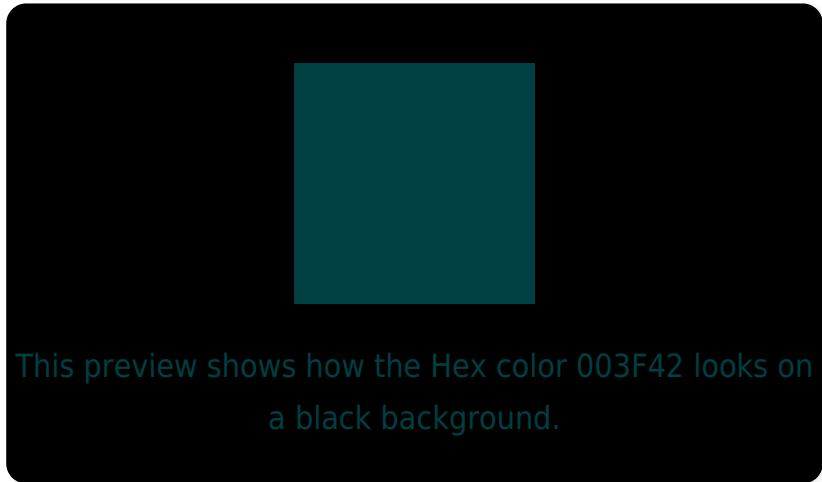
Large Text (above 18pt) WCAG AA ✓ Pass

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

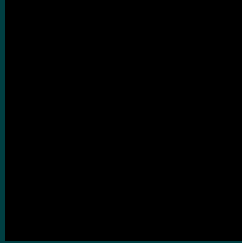
Any Text WCAG AA × Fail

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 003F42 Background



This preview shows how black text looks on a background with the Hex color 003F42.

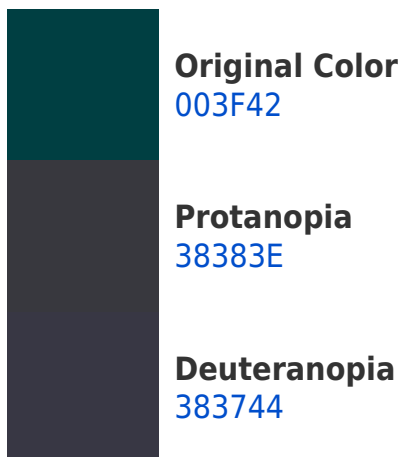


This preview shows how white text looks on a background with the Hex color 003F42.

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](#).

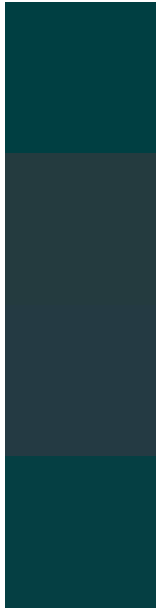
Dichromacy





Tritanopia
083F44

Trichromacy



Original Color
003F42

Protanomaly
243B3F

Deuteranomaly
243A43

Tritanomaly
053F43

Monochromacy



Original Color
003F42

Achromatopsia
2D2D2D

Achromatomaly
1D3435

CSS Examples

Text

The CSS property to change the color of the text to Hex 003F42 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 #003F42 looks like.

```
.text, #text, p{  
    color:#003F42  
}
```

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 #003F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F42
}
```

Border

The CSS property to change the border of an element to Hex 003F42 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
#003F42 }
```

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

```
.border{ border-color:#003F42 }
```

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

Here you see how a box with a 4 pixel #003F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003F42; -webkit-box-shadow:4px 4px  
4px 4px #003F42; box-shadow:4px 4px 4px  
4px #003F42 }
```

Background

The CSS property to change the background color of an element to Hex 003F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003F42 }
```

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

```
.background{ background-color:#003F42 }
```

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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