

Converting Colors

Hex(003E44)

Have a look what the booklet for
Hex(003E44) contains.

Hex(003E44)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(003E44)

Conversions

Conversions Part 1

Format	Color
Hex	003E44
RGB	0, 62, 68
RGB Percent	0%, 24%, 27%
CMY	1.0000, 0.7569, 0.7333
CMYK	1.00, 0.09, 0.00, 0.73
HSL	185°, 100%, 13%
HSV	185°, 100%, 27%
XYZ	2.7660, 3.8626, 6.0686
YIQ	44.1460, -38.8780, -11.2780

Conversions

Conversions Part 2

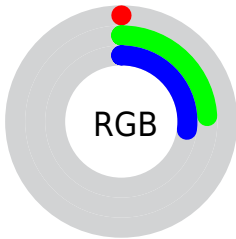
Format	Color
RYB	0, 32, 68
Decimal	15940
CIELab	23.21, -15.22, -8.79
CIELCh	23, 17.577, 210.004
Yxy	3.8626, 0.2178, 0.3042
Android (android.graphics.Color)	4278206020 (0xFF003E44)
YUV	44.1460, 11.7600, -38.7160
Hunter-Lab	19.6535, -9.2718, -4.5501

Details

The Hex color **003E44** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **440600**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3B6E74**, and **001419** is the 20% darker color. If you saturate the color by 10%, you get **003E44**, and if you desaturate by 10%, it is **073F44**.

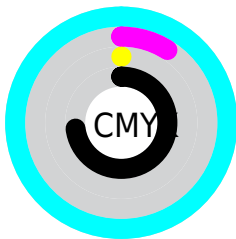
Distribution



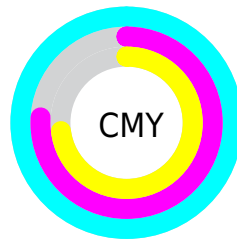
- Red (0%)
- Green (24%)
- Blue (27%)



- Red (0%)
- Yellow (13%)
- Blue (27%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003E44 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 003E44 by changing the saturation by 10% instead.

 003E44

 003E44

 F9FFFF

 00282E

 3B6E74

 001419

 55878E

 000000

 6EA2A8

 89BDC3

 A4D8DF

 C0F5FC

 DCFE44

 003E44

■ 073F44

■ 0E3F44

■ 144044

■ 1B4044

■ 224144

■ 294244

■ 304244

■ 364344

■ 3D4344

Harmonies

Analogous

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



103E37



003E44



0B3C4E

Triad

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



003E44



482F45



40371D

Complementary

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



003E44



440600

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.



4A3221



003E44



502D38

Square

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



003E44



39344E



502E2B



323A20

Rectangle

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



003E44



1C3A51



502E2B



44351D

Sweetspot

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



003E44



3E5759



004406



1D2C2E



ADADAD



2E2E2E

Same Dimension

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



003E44



005159



001C44



1E2121



005861



00CDE0

Inverse Universe

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



44003E



590051



442800



211E21



610058



E000CD

Previews

White Background



This preview shows how the Hex color 003E44 looks on a white background.

Color Contrast Check

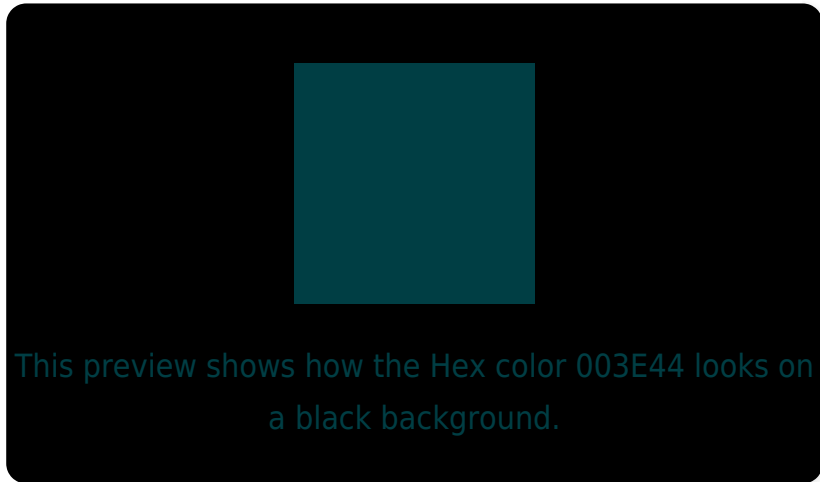
Large Text (above 18pt) WCAG AA ✓ Pass

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

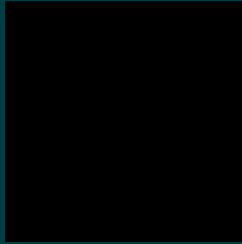
Any Text WCAG AA × Fail

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 003E44 Background



This preview shows how black text looks on a background with the Hex color 003E44.



This preview shows how white text looks on a background with the Hex color 003E44.

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
003E44

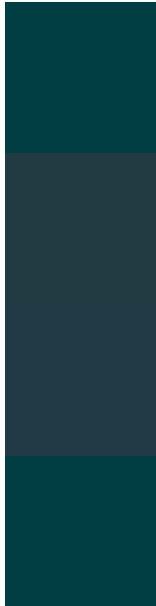
Protanopia
363740

Deuteranopia
363746



Tritanopia
003E43

Trichromacy



Original Color
003E44

Protanomaly
223A41

Deuteranomaly
223A45

Tritanomaly
003E43

Monochromacy



Original Color
003E44

Achromatopsia
2C2C2C

Achromatomaly
1C3335

CSS Examples

Text

The CSS property to change the color of the text to Hex 003E44 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 #003E44 looks like.

```
.text, #text, p{  
    color:#003E44  
}
```

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 #003E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003E44
}
```

Border

The CSS property to change the border of an element to Hex 003E44 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
#003E44 }
```

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

```
.border{ border-color:#003E44 }
```

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

Here you see how a box with a 4 pixel #003E44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003E44; -webkit-box-shadow:4px 4px  
4px 4px #003E44; box-shadow:4px 4px 4px  
4px #003E44 }
```

Background

The CSS property to change the background color of an element to Hex 003E44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003E44 }
```

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

```
.background{ background-color:#003E44 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor