

Converting Colors

Hex(003E3E)

Have a look what the booklet for
Hex(003E3E) contains.

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Color

Hex(003E3E)

Conversions

Conversions Part 1

Format	Color
Hex	003E3E
RGB	0, 62, 62
RGB Percent	0%, 24%, 24%
CMY	1.0000, 0.7569, 0.7569
CMYK	1.00, 0.00, 0.00, 0.76
HSL	180°, 100%, 12%
HSV	180°, 100%, 24%
XYZ	2.5921, 3.7930, 5.1529
YIQ	43.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

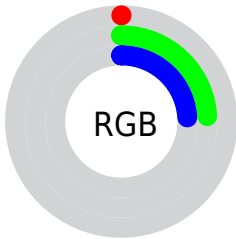
Format	Color
RYB	0, 31, 62
Decimal	15934
CIELab	22.98, -17.49, -5.14
CIELCh	23, 18.235, 196.386
Yxy	3.7930, 0.2247, 0.3287
Android (android.graphics.Color)	4278206014 (0xFF003E3E)
YUV	43.4620, 9.1392, -38.1162
Hunter-Lab	19.4758, -10.3251, -2.0541

Details

The Hex color **003E3E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3E0000**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3A6E6D**, and **001314** is the 20% darker color. If you saturate the color by 10%, you get **003E3E**, and if you desaturate by 10%, it is **063E3E**.

Distribution



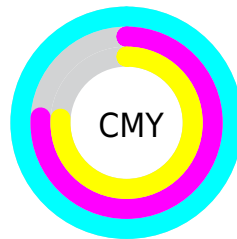
- Red (0%)
- Green (24%)
- Blue (24%)



- Red (0%)
- Yellow (12%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (76%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 003E3E 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 003E3E by changing the saturation by 10% instead.

 003E3E

 003E3E

 F7FFFF

 002828

 3A6E6D

 001314

 538787

 000000

 6DA2A1

 87BDBC

 A3D9D8

 BEF5F4

 DBFFFF

 003E3E

■ 063E3E

■ 0C3E3E

■ 133E3E

■ 193E3E

■ 1F3E3E

■ 253E3E

■ 2B3E3E

■ 323E3E

■ 383E3E

Harmonies

Analogous

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



173E30



003E3E



003D4A

Triad

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



003E3E



42314A



45341C

Complementary

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



003E3E



3E0000

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.



4E2F24



003E3E



4D2D3E

Square

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



003E3E



2F3651



512C30



38381C

Rectangle

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



003E3E



0D3B4F



512C30



48321E

Sweetspot

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



003E3E



395252



003E00



1A2929



A8A8A8



292929

Same Dimension

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



003E3E



005252



001F3E



1C1F1F



005E5E



00DEDE

Inverse Universe

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



3E003E



520052



3E1F00



1F1C1F



5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 003E3E looks on a white background.

Color Contrast Check

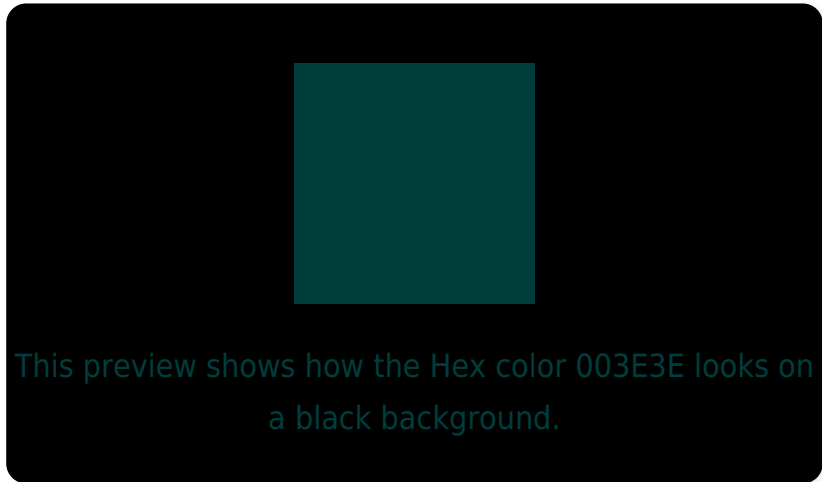
Large Text (above 18pt) WCAG AA ✓ Pass

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

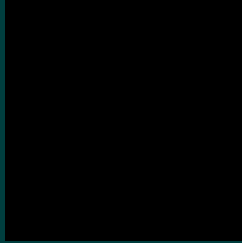
Any Text WCAG AA × Fail

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 003E3E Background



This preview shows how black text looks on a background with the Hex color 003E3E.



This preview shows how white text looks on a background with the Hex color 003E3E.

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](#).

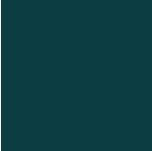
Dichromacy



Original Color
003E3E

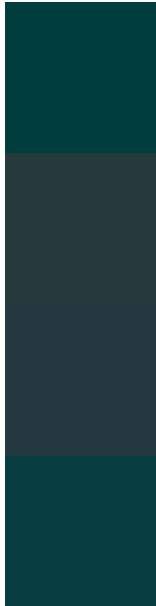
Protanopia
38373A

Deuteranopia
393640



Tritanopia
0B3D42

Trichromacy



Original Color
003E3E

Protanomaly
243A3B

Deuteranomaly
24393F

Tritanomaly
073D41

Monochromacy



Original Color
003E3E

Achromatopsia
2B2B2B

Achromatomaly
1B3232

CSS Examples

Text

The CSS property to change the color of the text to Hex 003E3E 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 #003E3E looks like.

```
.text, #text, p{  
    color:#003E3E  
}
```

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 #003E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003E3E
}
```

Border

The CSS property to change the border of an element to Hex 003E3E 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
#003E3E }
```

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

```
.border{ border-color:#003E3E }
```

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

Here you see how a box with a 4 pixel #003E3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003E3E; -webkit-box-shadow:4px 4px  
4px 4px #003E3E; box-shadow:4px 4px 4px  
4px #003E3E }
```

Background

The CSS property to change the background color of an element to Hex 003E3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003E3E }
```

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

```
.background{ background-color:#003E3E }
```

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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