

Converting Colors

Hex(00003E)

Have a look what the booklet for
Hex(00003E) contains.

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Color

Hex(00003E)

Conversions

Conversions Part 1

Format	Color
Hex	00003E
RGB	0, 0, 62
RGB Percent	0%, 0%, 24%
CMY	1.0000, 1.0000, 0.7569
CMYK	1.00, 1.00, 0.00, 0.76
HSL	240°, 100%, 12%
HSV	240°, 100%, 24%
XYZ	0.8695, 0.3478, 4.5787
YIQ	7.0680, -19.9020, 19.2820

Conversions

Conversions Part 2

Format	Color
R_{YB}	0, 0, 62
Decimal	62
CIE _{Lab}	3.14, 22.06, -36.55
CIE _{LCh}	3, 42.690, 301.121
Yxy	0.3478, 0.1500, 0.0600
Android (android.graphics.Color)	4278190142 (0xFF00003E)
YUV	7.0680, 27.0815, -6.1986
Hunter-Lab	5.8975, 15.9969, -41.9040

Details

The Hex color **00003E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3E3E00**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **352E6E**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **00003E**, and if you desaturate by 10%, it is **06063E**.

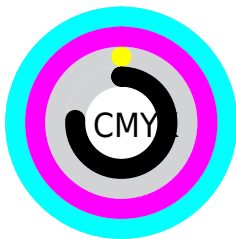
Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00003E 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 00003E by changing the saturation by 10% instead.

 00003E

 00003E

 F3E0FF

 000327

 352E6E

 000111

 4F4488

 000000

 685CA3

 8375BE

 9E8EDA

 B9A9F7

 D6C4FF

 00003E

■ 06063E

■ 0C0C3E

■ 13133E

■ 19193E

■ 1F1F3E

■ 25253E

■ 2B2B3E

■ 32323E

■ 38383E

Harmonies

Analogous

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



001146



00003E



2D0029

Triad

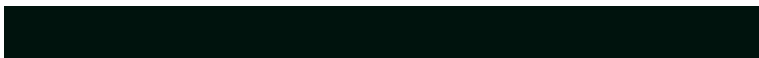
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00003E



280000



00130D

Complementary

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



00003E



3E3E00

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.



001300



00003E



0F0C00

Square

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



00003E



350000



001300



00152A

Rectangle

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



00003E



370018



001300

Sweetspot

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



00003E



393952



003E3E



1A1A29



A8A8A8



292929

Same Dimension

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



00003E



000052



1F003E



1C1C1F



00005E



0000DE

Inverse Universe

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



3E003E



520052



1F3E00



1F1C1F



5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 00003E looks on a white background.

Color Contrast Check

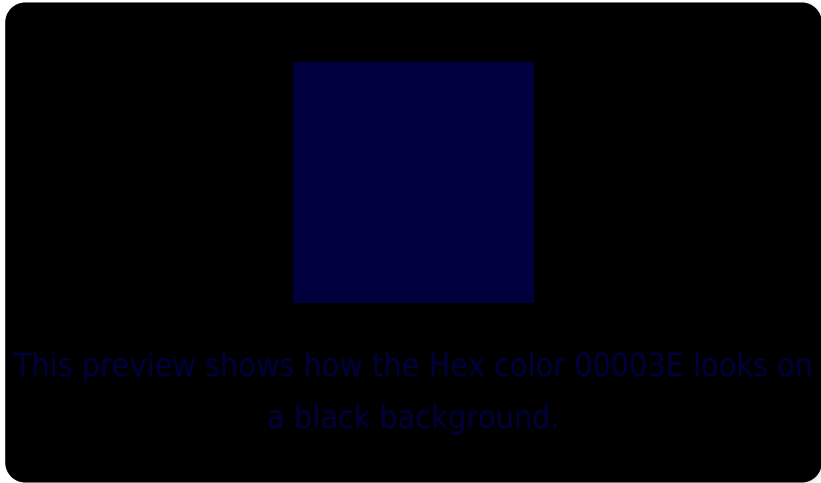
Large Text (above 18pt) WCAG AA ✓ Pass

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

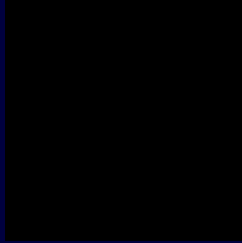
Any Text WCAG AA × Fail

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 00003E Background



This preview shows how black text looks on a background with the Hex color 00003E.



This preview shows how white text looks on a background with the Hex color 00003E.

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
00003E

Protanopia
001226

Deuteranopia
001320



Tritanopia
001516

Trichromacy



Original Color
00003E

Protanomaly
000B2F

Deuteranomaly
000C2B

Tritanomaly
000D25

Monochromacy



Original Color
00003E

Achromatopsia
070707

Achromatomaly
04041B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00003E 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 #00003E looks like.

```
.text, #text, p{  
    color:#00003E  
}
```

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 #00003E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00003E
}
```

Border

The CSS property to change the border of an element to Hex 00003E 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
#00003E }
```

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

```
.border{ border-color:#00003E }
```

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

Here you see how a box with a 4 pixel #00003E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00003E; -webkit-box-shadow:4px 4px  
4px 4px #00003E; box-shadow:4px 4px 4px  
4px #00003E }
```

Background

The CSS property to change the background color of an element to Hex 00003E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00003E }
```

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

```
.background{ background-color:#00003E }
```

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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