

Converting Colors

Hex(00063E)

Have a look what the booklet for
Hex(00063E) contains.

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Color

Hex(00063E)

Conversions

Conversions Part 1

Format	Color
Hex	00063E
RGB	0, 6, 62
RGB Percent	0%, 2%, 24%
CMY	1.0000, 0.9765, 0.7569
CMYK	1.00, 0.90, 0.00, 0.76
HSL	234°, 100%, 12%
HSV	234°, 100%, 24%
XYZ	0.9346, 0.4781, 4.6004
YIQ	10.5900, -21.5520, 16.1440

Conversions

Conversions Part 2

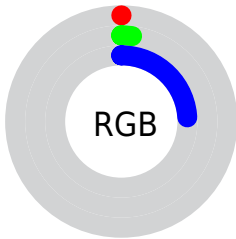
Format	Color
RYB	0, 5, 62
Decimal	1598
CIELab	4.32, 19.54, -34.63
CIELCh	4, 39.761, 299.437
Yxy	0.4781, 0.1554, 0.0795
Android (android.graphics.Color)	4278191678 (0xFF00063E)
YUV	10.5900, 25.3451, -9.2874
Hunter-Lab	6.9141, 12.0293, -34.6099

Details

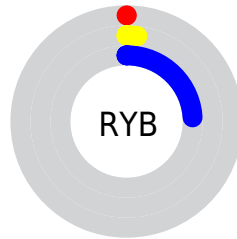
The Hex color **00063E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3E3800**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **36326E**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **00063E**, and if you desaturate by 10%, it is **060C3E**.

Distribution



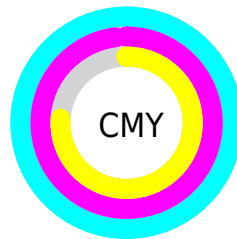
- Red (0%)
- Green (2%)
- Blue (24%)



- Red (0%)
- Yellow (2%)
- Blue (24%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (98%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00063E 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 00063E by changing the saturation by 10% instead.

00063E

00063E

F3E5FF

000327

36326E

000111

4F4988

000000

6960A3

8379BE

9E93DA

BAAEF6

D6C9FF

00063E

■ 060C3E

■ 0C113E

■ 13173E

■ 191C3E

■ 1F223E

■ 25283E

■ 2B2D3E

■ 32333E

■ 38383E

Harmonies

Analogous

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



001445



00063E



2D002B

Triad

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



00063E



2A0000



00180E

Complementary

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



00063E



3E3800

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.



001800



00063E



150E00

Square

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



00063E



370000



001800



001929

Rectangle

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



00063E



37001B



001800

Sweetspot

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



00063E



393B52



003E38



1A1C29



A8A8A8



292929

Same Dimension

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



00063E



000852



19003E



1C1C1F



00095E



0015DE

Inverse Universe

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



3E0006



520008



253E00



1F1C1C



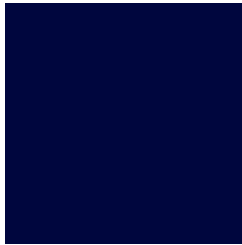
5E0009



DE0015

Previews

White Background



This preview shows how the Hex color 00063E looks on a white background.

Color Contrast Check

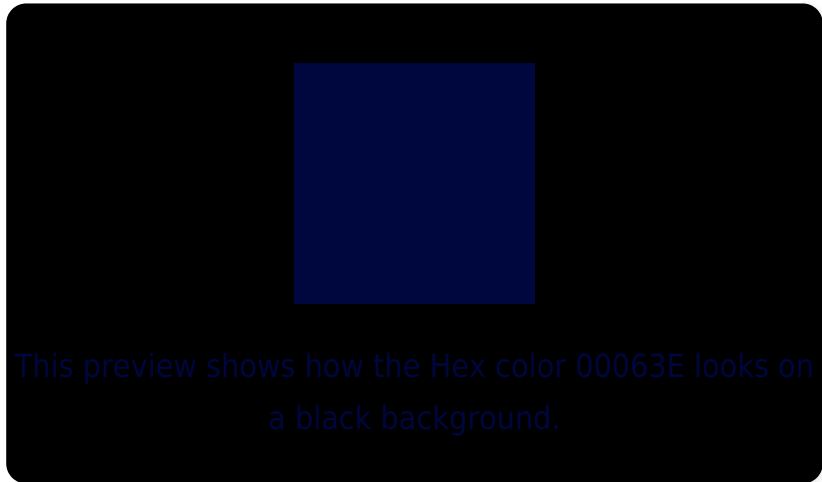
Large Text (above 18pt) WCAG AA ✓ Pass

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

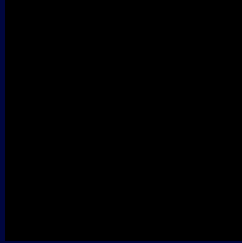
Any Text WCAG AA × Fail

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 00063E Background



This preview shows how black text looks on a background with the Hex color 00063E.



This preview shows how white text looks on a background with the Hex color 00063E.

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
00063E

Protanopia
001327

Deuteranopia
001421



Tritanopia
001516

Trichromacy



Original Color
00063E

Protanomaly
000E2F

Deuteranomaly
000F2C

Tritanomaly
001025

Monochromacy



Original Color
00063E

Achromatopsia
0B0B0B

Achromatomaly
07091E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00063E 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 #00063E looks like.

```
.text, #text, p{  
    color:#00063E  
}
```

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 #00063E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00063E
}
```

Border

The CSS property to change the border of an element to Hex 00063E is called "border". The border property can be set on classes, ids or directly on the HTML element.

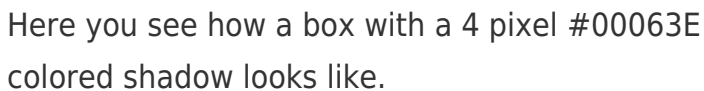
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00063E }
```

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

```
.border{ border-color:#00063E }
```

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



Here you see how a box with a 4 pixel #00063E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00063E; -webkit-box-shadow:4px 4px  
4px 4px #00063E; box-shadow:4px 4px 4px  
4px #00063E }
```

Background

The CSS property to change the background color of an element to Hex 00063E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00063E }
```

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

```
.background{ background-color:#00063E }
```

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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