

Converting Colors

Hex(003B47)

Have a look what the booklet for
Hex(003B47) contains.

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Color

Hex(003B47)

Conversions

Conversions Part 1

Format	Color
Hex	003B47
RGB	0, 59, 71
RGB Percent	0%, 23%, 28%
CMY	1.0000, 0.7686, 0.7216
CMYK	1.00, 0.17, 0.00, 0.72
HSL	190°, 100%, 14%
HSV	190°, 100%, 28%
XYZ	2.7013, 3.5829, 6.5104
YIQ	42.7270, -39.0160, -8.7760

Conversions

Conversions Part 2

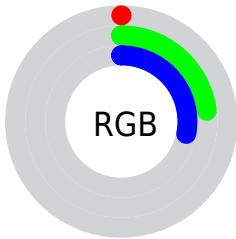
Format	Color
RYB	0, 32, 71
Decimal	15175
CIELab	22.24, -12.25, -12.27
CIELCh	22, 17.339, 225.060
Yxy	3.5829, 0.2111, 0.2800
Android (android.graphics.Color)	4278205255 (0xFF003B47)
YUV	42.7270, 13.9386, -37.4716
Hunter-Lab	18.9284, -7.6509, -7.1428

Details

The Hex color **003B47** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **470C00**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3B6A77**, and **00101C** is the 20% darker color. If you saturate the color by 10%, you get **003B47**, and if you desaturate by 10%, it is **073C47**.

Distribution



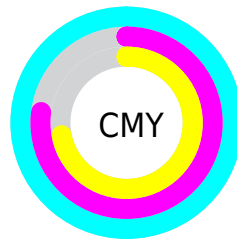
- Red (0%)
- Green (23%)
- Blue (28%)



- Red (0%)
- Yellow (13%)
- Blue (28%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (77%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003B47 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 003B47 by changing the saturation by 10% instead.

 003B47

 003B47

 F9FFFF

 002531

 3B6A77

 00101C

 558491

 000000

 6F9EAC

 89B9C7

 A4D4E3

 C0F1FF

 DCFFFF

 003B47

■ 073C47

■ 0E3D47

■ 153F47

■ 1C4047

■ 244147

■ 2B4247

■ 324347

■ 394547

■ 404647

Harmonies

Analogous

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



043C3B



003B47



16384E

Triad

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



003B47



4A2C3C



37361C

Complementary

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



003B47



470C00

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.



43321C



003B47



4E2B2F

Square

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



003B47



3F2F47



4B2E24



293A23

Rectangle

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



003B47



26364F



4B2E24



3B351B

Sweetspot

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



003B47



40575C



00470C



1D2B2E



ADADAD



2E2E2E

Same Dimension

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



003B47



004C5C



001847



202324



005363



00BDE3

Inverse Universe

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



47003B



5C004C



472F00



242023



630053



E300BD

Previews

White Background



This preview shows how the Hex color 003B47 looks on a white background.

Color Contrast Check

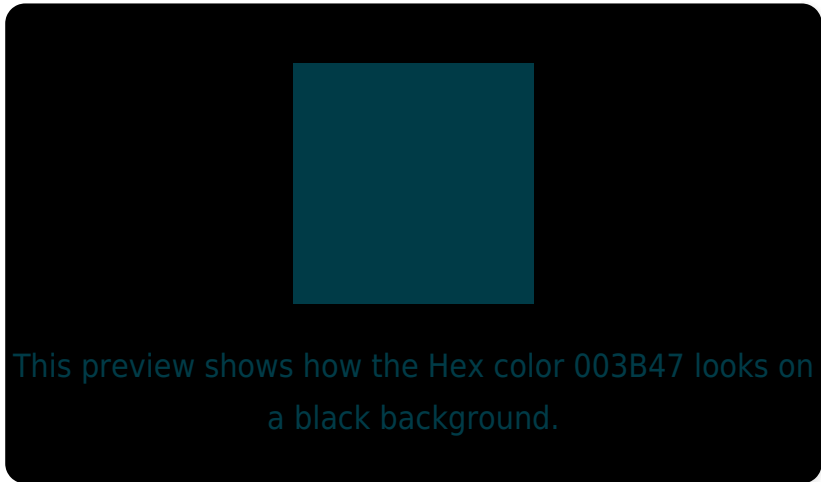
Large Text (above 18pt) WCAG AA ✓ Pass

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

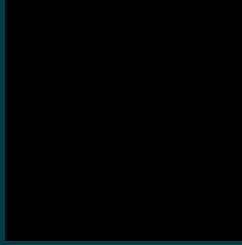
Any Text WCAG AA × Fail

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 003B47 Background



This preview shows how black text looks on a background with the Hex color 003B47.



This preview shows how white text looks on a background with the Hex color 003B47.

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
003B47

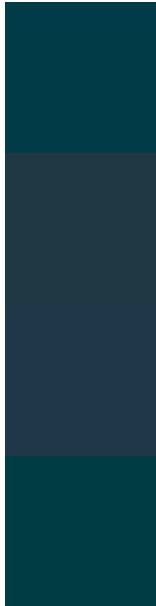
Protanopia
323543

Deuteranopia
313548



Tritanopia
003C40

Trichromacy



Original Color
003B47

Protanomaly
203744

Deuteranomaly
1F3748

Tritanomaly
003C43

Monochromacy



Original Color
003B47

Achromatopsia
2B2B2B

Achromatomaly
1B3135

CSS Examples

Text

The CSS property to change the color of the text to Hex 003B47 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 #003B47 looks like.

```
.text, #text, p{  
    color:#003B47  
}
```

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 #003B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B47
}
```

Border

The CSS property to change the border of an element to Hex 003B47 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
#003B47 }
```

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

```
.border{ border-color:#003B47 }
```

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

Here you see how a box with a 4 pixel #003B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B47; -webkit-box-shadow:4px 4px  
4px 4px #003B47; box-shadow:4px 4px 4px  
4px #003B47 }
```

Background

The CSS property to change the background color of an element to Hex 003B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B47 }
```

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

```
.background{ background-color:#003B47 }
```

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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