

Converting Colors

Hex(003B51)

Have a look what the booklet for
Hex(003B51) contains.

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Color

Hex(003B51)

Conversions

Conversions Part 1

Format	Color
Hex	003B51
RGB	0, 59, 81
RGB Percent	0%, 23%, 32%
CMY	1.0000, 0.7686, 0.6824
CMYK	1.00, 0.27, 0.00, 0.68
HSL	196°, 100%, 16%
HSV	196°, 100%, 32%
XYZ	3.0492, 3.7220, 8.3423
YIQ	43.8670, -42.2260, -5.6660

Conversions

Conversions Part 2

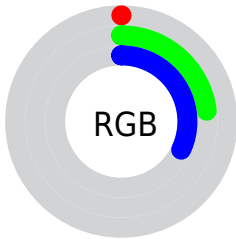
Format	Color
RYB	0, 34, 81
Decimal	15185
CIELab	22.73, -8.07, -18.17
CIELCh	23, 19.879, 246.057
Yxy	3.7220, 0.2018, 0.2463
Android (android.graphics.Color)	4278205265 (0xFF003B51)
YUV	43.8670, 18.3066, -38.4714
Hunter-Lab	19.2925, -5.5501, -12.1329

Details

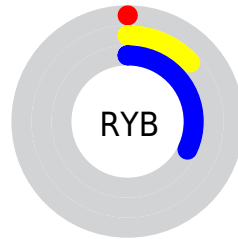
The Hex color **003B51** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **511600**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3E6A82**, and **001124** is the 20% darker color. If you saturate the color by 10%, you get **003B51**, and if you desaturate by 10%, it is **083D51**.

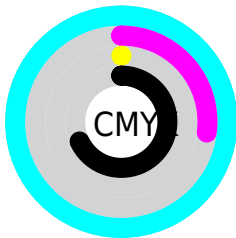
Distribution



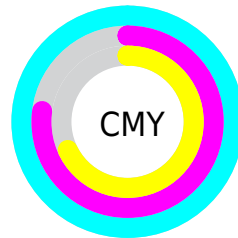
- Red (0%)
- Green (23%)
- Blue (32%)



- Red (0%)
- Yellow (13%)
- Blue (32%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (77%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003B51 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 003B51 by changing the saturation by 10% instead.

003B51

003B51

FEFFFF

00253A

3E6A82

001124

58839D

00010D

729DB7

000000

8DB8D3

A8D4EF

C4F0FF

E1FFFF

003B51

■ 083D51

■ 103F51

■ 184251

■ 204451

■ 294651

■ 314851

■ 394A51

■ 414D51

■ 494F51

Harmonies

Analogous

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



003D47



003B51



243754

Triad

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



003B51



522A34



2D3A1E

Complementary

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



003B51



511600

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.



3D3618



003B51



512C26

Square

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



003B51



4B2C43



49311B



1A3D2A

Rectangle

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



003B51



353351



49311B



32391B

Sweetspot

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



003B51



496069



005116



223036



B5B5B5



363636

Same Dimension

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



003B51



004C69



001351



252829



00A9E8

Inverse Universe

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



51003B



69004C



513E00



292528



E800A9

Previews

White Background



This preview shows how the Hex color 003B51 looks on a white background.

Color Contrast Check

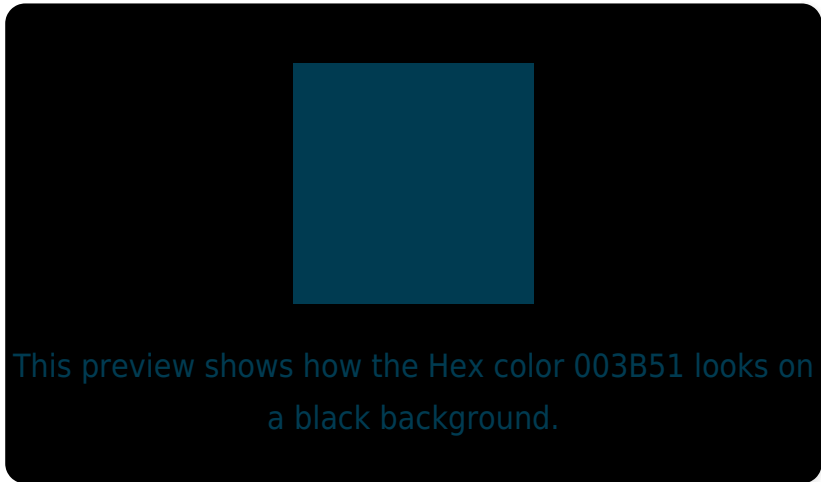
Large Text (above 18pt) WCAG AA ✓ Pass

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

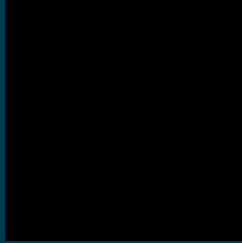
Any Text WCAG AA × Fail

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 003B51 Background



This preview shows how black text looks on a background with the Hex color 003B51.



This preview shows how white text looks on a background with the Hex color 003B51.

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
003B51

Protanopia
30364D

Deuteranopia
2A3752



Tritanopia
003D42

Trichromacy



Original Color
003B51

Protanomaly
1F384E

Deuteranomaly
1B3852

Tritanomaly
003C47

Monochromacy



Original Color
003B51

Achromatopsia
2C2C2C

Achromatomaly
1C3139

CSS Examples

Text

The CSS property to change the color of the text to Hex 003B51 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 #003B51 looks like.

```
.text, #text, p{  
    color:#003B51  
}
```

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 #003B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B51
}
```

Border

The CSS property to change the border of an element to Hex 003B51 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
#003B51 }
```

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

```
.border{ border-color:#003B51 }
```

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

Here you see how a box with a 4 pixel #003B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B51; -webkit-box-shadow:4px 4px  
4px 4px #003B51; box-shadow:4px 4px 4px  
4px #003B51 }
```

Background

The CSS property to change the background color of an element to Hex 003B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B51 }
```

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

```
.background{ background-color:#003B51 }
```

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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