

Converting Colors

Hex(00303B)

Have a look what the booklet for
Hex(00303B) contains.

Hex(00303B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00303B)

Conversions

Conversions Part 1

Format	Color
Hex	00303B
RGB	0, 48, 59
RGB Percent	0%, 19%, 23%
CMY	1.0000, 0.8118, 0.7686
CMYK	1.00, 0.19, 0.00, 0.77
HSL	191°, 100%, 12%
HSV	191°, 100%, 23%
XYZ	1.8464, 2.4297, 4.5093
YIQ	34.9020, -32.1390, -6.7550

Conversions

Conversions Part 2

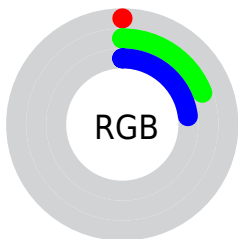
Format	Color
RYB	0, 26, 59
Decimal	12347
CIELab	17.60, -10.41, -11.27
CIELCh	18, 15.340, 227.277
Yxy	2.4297, 0.2102, 0.2766
Android (android.graphics.Color)	4278202427 (0xFF00303B)
YUV	34.9020, 11.8803, -30.6091
Hunter-Lab	15.5874, -6.1342, -6.2410

Details

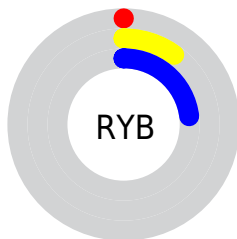
The Hex color **00303B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B0B00**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **365E6A**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **00303B**, and if you desaturate by 10%, it is **06313B**.

Distribution



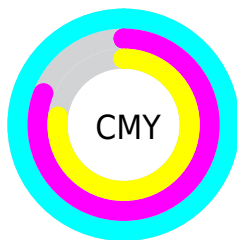
- Red (0%)
- Green (19%)
- Blue (23%)



- Red (0%)
- Yellow (10%)
- Blue (23%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (81%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00303B 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 00303B by changing the saturation by 10% instead.

 00303B

 00303B

 F2FFFF

 001C25

 365E6A

 000110

 4F7783

 000000

 69919E

 83ABB8

 9DC6D4

 B9E2F0

 D5FFFF

 00303B

■ 06313B

■ 0C323B

■ 12333B

■ 18343B

■ 1D363B

■ 23373B

■ 29383B

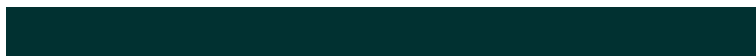
■ 2F393B

■ 353A3B

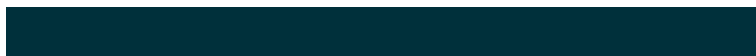
Harmonies

Analogous

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



013131



00303B



122E40

Triad

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



00303B



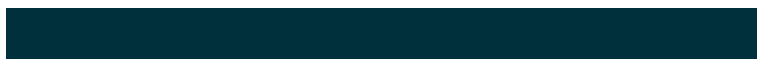
3E2330



2C2C16

Complementary

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



00303B



3B0B00

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.



362916



00303B



412325

Square

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



00303B



34263A



3E251B



1F2F1C

Rectangle

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



00303B



1F2B41



3E251B



302B15

Sweetspot

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



00303B



36484D



003B0B



182426



A6A6A6



262626

Same Dimension

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



00303B



003E4D



00133B



1C1E1F



004D5E



00B4DE

Inverse Universe

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



3B0030



4D003E



3B2800



1F1C1E



5E004D



DE00B4

Previews

White Background



This preview shows how the Hex color 00303B looks on a white background.

Color Contrast Check

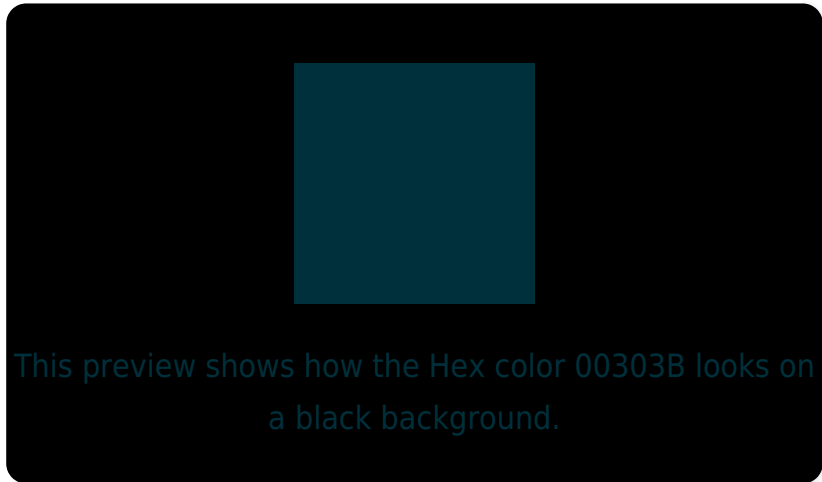
Large Text (above 18pt) WCAG AA ✓ Pass

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

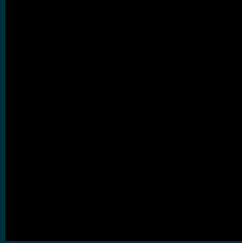
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

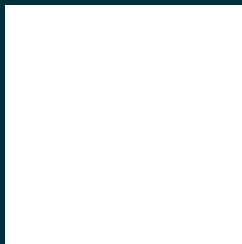
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00303B Background



This preview shows how black text looks on a background with the Hex color 00303B.



This preview shows how white text looks on a background with the Hex color 00303B.

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
00303B

Protanopia
292B38

Deuteranopia
272B3C

Trichromacy



Original Color
00303B

Protanomaly
1A2D39

Deuteranomaly
192D3C

Tritanomaly
003137

Monochromacy



Original Color
00303B

Achromatopsia
232323

Achromatomaly
16282C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00303B 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 #00303B looks like.

```
.text, #text, p{  
    color:#00303B  
}
```

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 #00303B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00303B
}
```

Border

The CSS property to change the border of an element to Hex 00303B 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
#00303B }
```

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

```
.border{ border-color:#00303B }
```

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

Here you see how a box with a 4 pixel #00303B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00303B; -webkit-box-shadow:4px 4px  
4px 4px #00303B; box-shadow:4px 4px 4px  
4px #00303B }
```

Background

The CSS property to change the background color of an element to Hex 00303B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00303B }
```

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

```
.background{ background-color:#00303B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor