

Converting Colors

Hex(00303A)

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

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Color

Hex(00303A)

Conversions

Conversions Part 1

Format	Color
Hex	00303A
RGB	0, 48, 58
RGB Percent	0%, 19%, 23%
CMY	1.0000, 0.8118, 0.7725
CMYK	1.00, 0.17, 0.00, 0.77
HSL	190°, 100%, 11%
HSV	190°, 100%, 23%
XYZ	1.8207, 2.4194, 4.3740
YIQ	34.7880, -31.8180, -7.0660

Conversions

Conversions Part 2

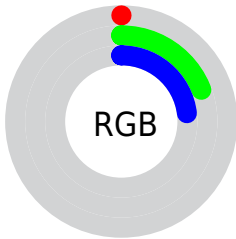
Format	Color
RYB	0, 26, 58
Decimal	12346
CIELab	17.55, -10.83, -10.65
CIElCh	18, 15.190, 224.527
Yxy	2.4194, 0.2114, 0.2809
Android (android.graphics.Color)	4278202426 (0xFF00303A)
YUV	34.7880, 11.4435, -30.5091
Hunter-Lab	15.5544, -6.3264, -5.7847

Details

The Hex color **00303A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A0A00**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **365E69**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **00303A**, and if you desaturate by 10%, it is **06313A**.

Distribution



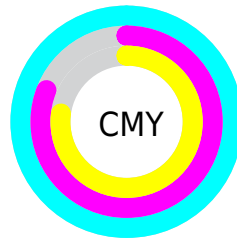
- Red (0%)
- Green (19%)
- Blue (23%)



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



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (77%)



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

Brightness & Saturation Gradients

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

 00303A

 00303A

 F1FFFF

 001C24

 365E69

 00010F

 4F7782

 000000

 68919C

 82ABB7

 9DC6D3

 B9E2EF

 D5FFFF

 00303A

■ 06313A

■ 0C323A

■ 11333A

■ 17343A

■ 1D353A

■ 23363A

■ 29373A

■ 2E383A

■ 34393A

Harmonies

Analogous

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



033130



00303A



112E40

Triad

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



00303A



3D2331



2D2C16

Complementary

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



00303A



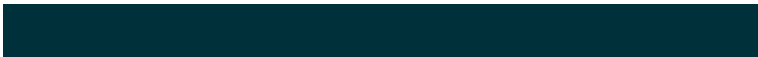
3A0A00

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.



372816



00303A



402326

Square

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



00303A



33263B



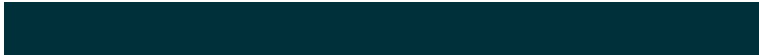
3E251C



212F1B

Rectangle

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



00303A



1E2C41



3E251C



312B15

Sweetspot

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



00303A



36494D



003A0A



182426



A6A6A6



262626

Same Dimension

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



00303A



003F4D



00133A



191C1C



004C5C



00B5DB

Inverse Universe

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



3A0030



4D003F



3A2700



1C191C



5C004C



DB00B5

Previews

White Background



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

Color Contrast Check

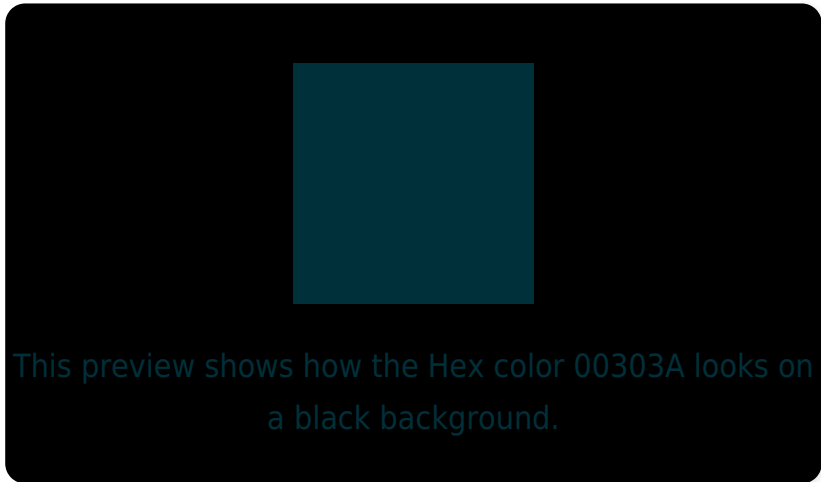
Large Text (above 18pt) WCAG AA ✓ Pass

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

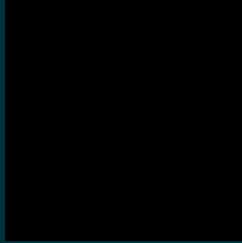
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

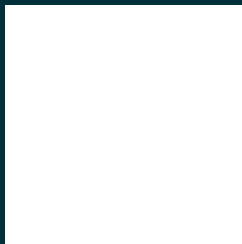
Any Text WCAG AAA × Fail

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

Hex 00303A Background



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



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

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
00303A

Protanopia
292B37

Deuteranopia
272B3B

Trichromacy



Original Color
00303A

Protanomaly
1A2D38

Deuteranomaly
192D3B

Tritanomaly
003136

Monochromacy



Original Color
00303A

Achromatopsia
232323

Achromatomaly
16282B

CSS Examples

Text

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

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

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 #00303A colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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