

# Converting Colors

Hex(01343C)

Have a look what the booklet for  
Hex(01343C) contains.

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# Color

Hex(01343C)

# Conversions

## Conversions Part 1

Format	Color
Hex	01343C
RGB	1, 52, 60
RGB Percent	0%, 20%, 24%
CMY	0.9961, 0.7961, 0.7647
CMYK	0.98, 0.13, 0.00, 0.76
HSL	188°, 97%, 12%
HSV	188°, 98%, 24%
XYZ	2.0561, 2.7887, 4.7049
YIQ	37.6630, -32.9640, -8.3240

# Conversions

## Conversions Part 2

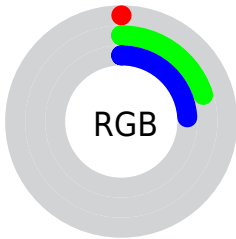
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 28, 60
Decimal	78908
CIE <sub>Lab</sub>	19.18, -12.31, -9.53
CIE <sub>LCh</sub>	19, 15.567, 217.759
Yxy	2.7887, 0.2153, 0.2920
Android (android.graphics.Color)	4278268988 (0xFF01343C)
YUV	37.6630, 11.0121, -32.1535
Hunter-Lab	16.6993, -7.2459, -5.0148

# Details

The Hex color **01343C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C0901**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **38636B**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **00343C**, and if you desaturate by 10%, it is **07353C**.

# Distribution



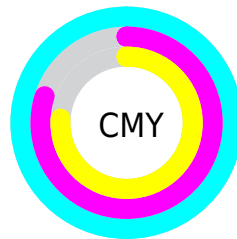
- Red (0%)
- Green (20%)
- Blue (24%)



- Red (0%)
- Yellow (11%)
- Blue (24%)



- Cyan (98%)
- Magenta (13%)
- Yellow (0%)
- Black (76%)




- Cyan (100%)
- Magenta (80%)
- Yellow (76%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 01343C 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 01343C by changing the saturation by 10% instead.



 01343C


 01343C

 F4FFFF

 001F26

 38636B

 000112

 517C85

 000000


 6A959F


 85B0BA

 9FCCD5

 BBE8F2

 D7FFFF

 01343C

 01343C

■ 00343C

■ 07353C

■ 0D363C

■ 13363C

■ 19373C

■ 1F383C

■ 25393C

■ 2B3A3C

■ 313B3C

■ 373B3C

# Harmonies

## Analogous

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



093531



01343C



0F3243

# Triad

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



01343C



3F2737



332F18

# Complementary

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



01343C



3C0901

# 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.



3D2B1A



01343C



44262C

# Square

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



01343C



342B40



432721



27321C

# Rectangle

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



01343C



1D3045



432721



372E18



# Sweetspot

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



01343C



374C4F



013C09



1A2729



A8A8A8



292929



# Same Dimension

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



01343C



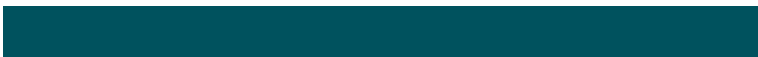
00444F



01173C



1C1E1F



00525E



00CODE



# Inverse Universe

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



3C0134



4F0044



3C2601



1F1C1E



5E0052



DE00C0



# Previews

## White Background



This preview shows how the Hex color 01343C looks on a white background.

## Color Contrast Check

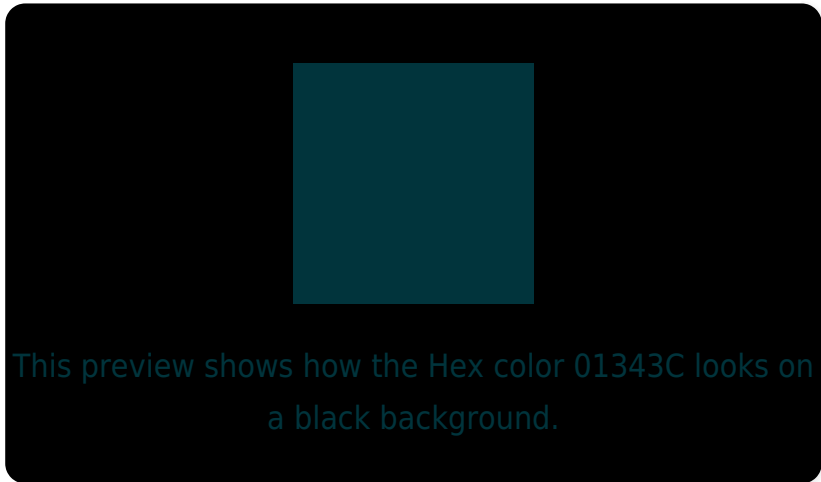
Large Text (above 18pt) WCAG AA ✓ Pass

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

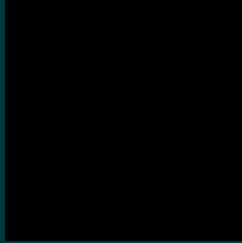
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

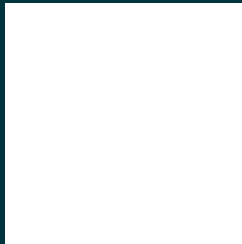
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 01343C Background



This preview shows how black text looks on a background with the Hex color 01343C.



This preview shows how white text looks on a background with the Hex color 01343C.

# 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



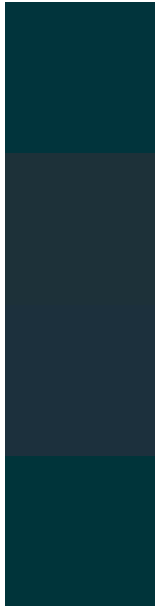
**Original Color**  
01343C

**Protanopia**  
2D2F38

**Deuteranopia**  
2C2E3D



# Trichromacy



**Original Color**  
01343C

**Protanomaly**  
1D3139

**Deuteranomaly**  
1C303D

**Tritanomaly**  
00343A

# Monochromacy



**Original Color**  
01343C

**Achromatopsia**  
262626

**Achromatomaly**  
192B2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01343C 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 #01343C looks like.

```
.text, #text, p{  
    color:#01343C  
}
```

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 #01343C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01343C
}
```

## Border

The CSS property to change the border of an element to Hex 01343C 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".

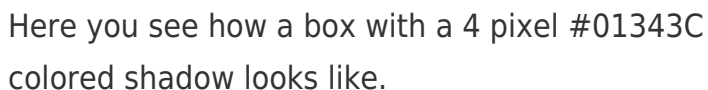
```
.border, #border, table{ border:4px solid
#01343C }
```

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

```
.border{ border-color:#01343C }
```

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

Here you see how a box with a 4 pixel #01343C colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01343C; -webkit-box-shadow:4px 4px  
4px 4px #01343C; box-shadow:4px 4px 4px  
4px #01343C }
```

# Background

The CSS property to change the background color of an element to Hex 01343C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01343C }
```

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

```
.background{ background-color:#01343C }
```

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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