

Converting Colors

Hex(01404E)

Have a look what the booklet for
Hex(01404E) contains.

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Color

Hex(01404E)

Conversions

Conversions Part 1

Format	Color
Hex	01404E
RGB	1, 64, 78
RGB Percent	0%, 25%, 31%
CMY	0.9961, 0.7490, 0.6941
CMYK	0.99, 0.18, 0.00, 0.69
HSL	191°, 97%, 15%
HSV	191°, 99%, 31%
XYZ	3.2211, 4.2233, 7.8531
YIQ	46.7590, -42.0420, -9.0020

Conversions

Conversions Part 2

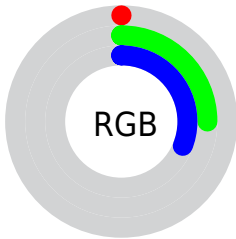
Format	Color
R_{YB}	1, 36, 78
Decimal	81998
CIE Lab	24.40, -12.32, -13.60
CIE LCh	24, 18.351, 227.837
Yxy	4.2233, 0.2106, 0.2761
Android (android.graphics.Color)	4278272078 (0xFF01404E)
YUV	46.7590, 15.4018, -40.1306
Hunter-Lab	20.5507, -7.9861, -8.2713

Details

The Hex color **01404E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4E0F01**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3E707F**, and **001622** is the 20% darker color. If you saturate the color by 10%, you get **00404E**, and if you desaturate by 10%, it is **09414E**.

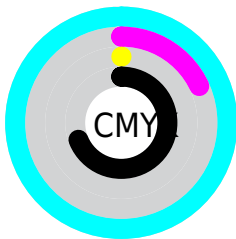
Distribution



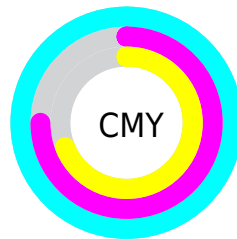
- Red (0%)
- Green (25%)
- Blue (31%)



- Red (0%)
- Yellow (14%)
- Blue (31%)



- Cyan (99%)
- Magenta (18%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01404E 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 01404E by changing the saturation by 10% instead.

01404E

01404E

FEFFFF

002A37

3E707F

001622

588999

00000A

72A4B4

000000

8DBFCF

A8DBEC

C4F7FF

E1FFFF

01404E

01404E

■ 00404E

■ 09414E

■ 11434E

■ 18444E

■ 20464E

■ 28474E

■ 30494E

■ 384A4E

■ 3F4B4E

■ 474D4E

Harmonies

Analogous

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



034142



01404E



1B3D55

Triad

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



01404E



513040



3B3C1F

Complementary

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



01404E



4E0F01

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.



48371F



01404E



552F32

Square

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



01404E



46334D



513226



2B3F27

Rectangle

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



01404E



2C3A55



513226



3F3A1E

Sweetspot

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



01404E



476066



014E0E



213033



B3B3B3



333333

Same Dimension

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



01404E



005366



011B4E



222626



00BCE6

Inverse Universe

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



4E0140



660053



4E3401



262226



E600BC

Previews

White Background



This preview shows how the Hex color 01404E looks on a white background.

Color Contrast Check

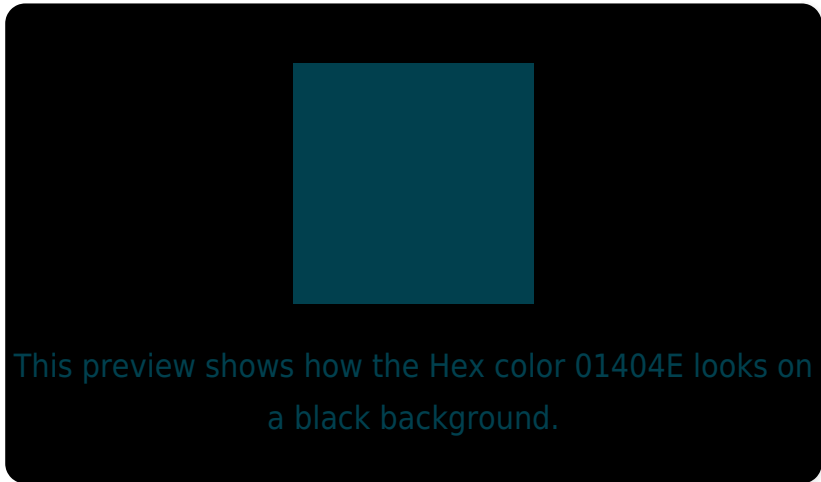
Large Text (above 18pt) WCAG AA ✓ Pass

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

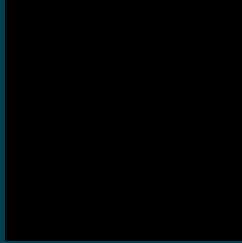
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

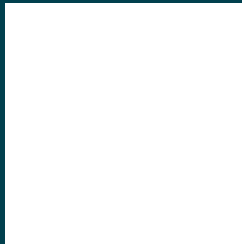
Any Text WCAG AAA × Fail

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

Hex 01404E Background



This preview shows how black text looks on a background with the Hex color 01404E.

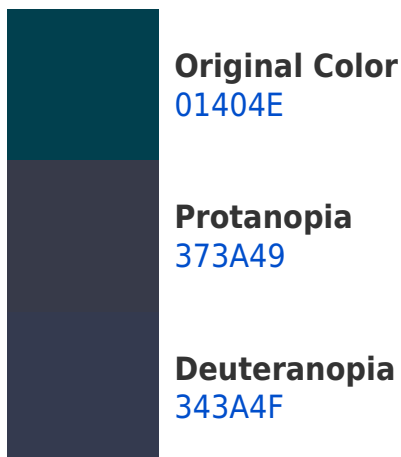


This preview shows how white text looks on a background with the Hex color 01404E.

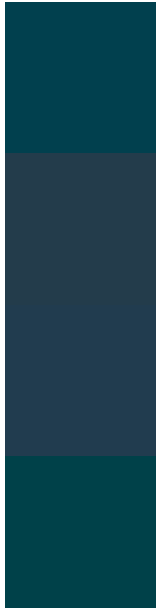
Color Blindness Simulation

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



Trichromacy



Original Color
01404E

Protanomaly
233C4B

Deuteranomaly
213C4F

Tritanomaly
004149

Monochromacy



Original Color
01404E

Achromatopsia
2F2F2F

Achromatomaly
1E353A

CSS Examples

Text

The CSS property to change the color of the text to Hex 01404E 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 #01404E looks like.

```
.text, #text, p{  
    color:#01404E  
}
```

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 #01404E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01404E
}
```

Border

The CSS property to change the border of an element to Hex 01404E is called "border". The border property can be set on classes, ids or directly on the HTML element.

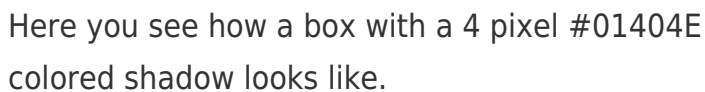
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#01404E }
```

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

```
.border{ border-color:#01404E }
```

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



Here you see how a box with a 4 pixel #01404E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01404E; -webkit-box-shadow:4px 4px  
4px 4px #01404E; box-shadow:4px 4px 4px  
4px #01404E }
```

Background

The CSS property to change the background color of an element to Hex 01404E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01404E }
```

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

```
.background{ background-color:#01404E }
```

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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