

# Converting Colors

Hex(0D404D)

Have a look what the booklet for  
Hex(0D404D) contains.

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# Color

**Hex(0D404D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D404D
RGB	13, 64, 77
RGB Percent	5%, 25%, 30%
CMY	0.9490, 0.7490, 0.6980
CMYK	0.83, 0.17, 0.00, 0.70
HSL	192°, 71%, 18%
HSV	192°, 83%, 30%
XYZ	3.3389, 4.2882, 7.6729
YIQ	50.2330, -34.5690, -6.7690

# Conversions

## Conversions Part 2

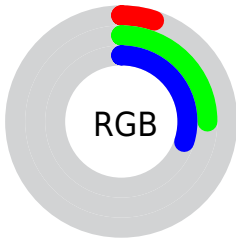
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 41, 77
Decimal	868429
CIELab	24.60, -11.25, -12.61
CIELCh	25, 16.899, 228.240
Yxy	4.2882, 0.2182, 0.2803
Android (android.graphics.Color)	4279058509 (0xFF0D404D)
YUV	50.2330, 13.1961, -32.6533
Hunter-Lab	20.7079, -7.4576, -7.4732

# Details

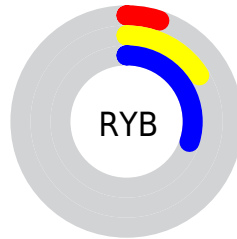
The Hex color **0D404D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4D1A0D**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **43707E**, and **001621** is the 20% darker color. If you saturate the color by 10%, you get **053E4D**, and if you desaturate by 10%, it is **15424D**.

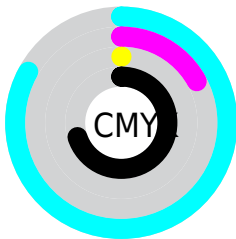
# Distribution



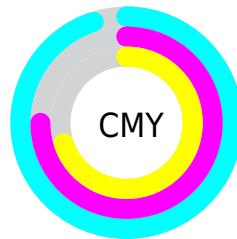
- Red (5%)
- Green (25%)
- Blue (30%)



- Red (5%)
- Yellow (16%)
- Blue (30%)



- Cyan (83%)
- Magenta (17%)
- Yellow (0%)
- Black (70%)



- Cyan (95%)
- Magenta (75%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D404D 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 0D404D by changing the saturation by 10% instead.



0D404D

0D404D

FFFFFF

002A36

43707E

001621

5D8998

000008

77A4B3

000000

92BFCE

ADDBEA

C9F7FF

E5FFFF

0D404D

0D404D

■ 053E4D

■ 15424D

■ 003D4D

■ 1C434D

■ 24454D

■ 2C464D

■ 33484D

■ 3B494D

■ 434B4D

■ 4B4D4D

■ 524E4D

# Harmonies

## Analogous

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



0D4142



0D404D



203D53

# Triad

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



0D404D



503140



3B3C22

# Complementary

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



0D404D



4D1A0D

# 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.



473822



0D404D



533133

# Square

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



0D404D



46344B



503428



2D3F29

# Rectangle

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



0D404D



2E3A53



503428



403B21



# Sweetspot

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



0D404D



4B5E63



0D4D1A



243033



B3B3B3



333333



# Same Dimension

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



0D404D



004F63



0D204D



222526



005166



00B7E6



# Inverse Universe

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



4D0D40



63004F



4D3A0D



262225



660051

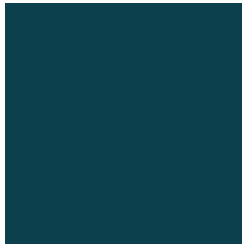


E600B7



# Previews

## White Background



This preview shows how the Hex color 0D404D looks on a white background.

## Color Contrast Check

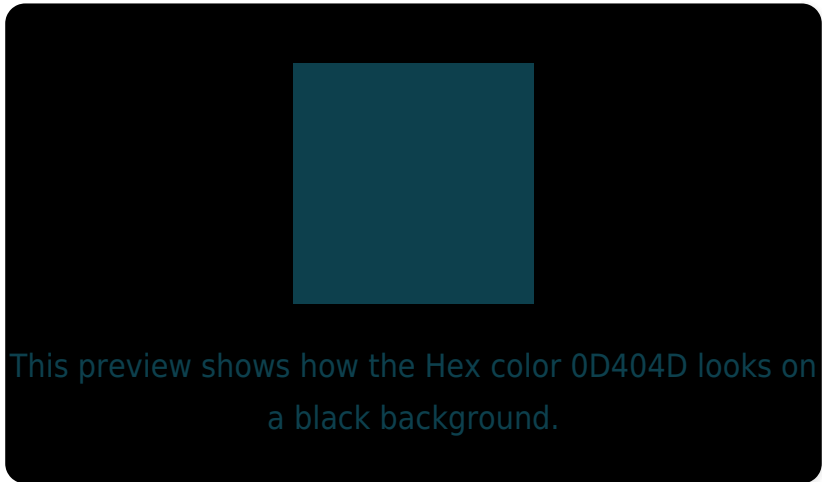
Large Text (above 18pt) WCAG AA ✓ Pass

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

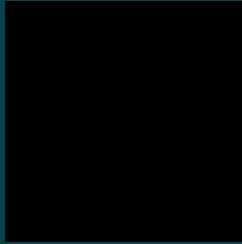
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D404D Background



This preview shows how black text looks on a background with the Hex color 0D404D.



This preview shows how white text looks on a background with the Hex color 0D404D.

# 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



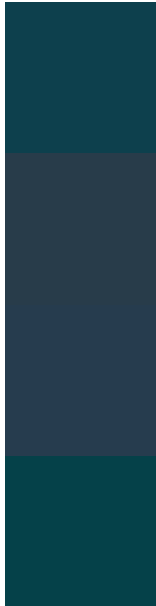
**Original Color**  
0D404D

**Protanopia**  
373A49

**Deuteranopia**  
353A4E



# Trichromacy



**Original Color**  
0D404D

**Protanomaly**  
283C4A

**Deuteranomaly**  
263C4E

**Tritanomaly**  
054149

# Monochromacy



**Original Color**  
0D404D

**Achromatopsia**  
323232

**Achromatomaly**  
25373C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D404D 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 #0D404D looks like.

```
.text, #text, p{  
    color:#0D404D  
}
```

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 #0D404D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D404D
}
```

## Border

The CSS property to change the border of an element to Hex 0D404D 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
#0D404D }
```

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

```
.border{ border-color:#0D404D }
```

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

Here you see how a box with a 4 pixel #0D404D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D404D; -webkit-box-shadow:4px 4px  
4px 4px #0D404D; box-shadow:4px 4px 4px  
4px #0D404D }
```

# Background

The CSS property to change the background color of an element to Hex 0D404D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D404D }
```

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

```
.background{ background-color:#0D404D }
```

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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