

# Converting Colors

Hex(0E384E)

Have a look what the booklet for  
Hex(0E384E) contains.

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# Color

**Hex(0E384E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E384E
RGB	14, 56, 78
RGB Percent	5%, 22%, 31%
CMY	0.9451, 0.7804, 0.6941
CMYK	0.82, 0.28, 0.00, 0.69
HSL	201°, 70%, 18%
HSV	201°, 82%, 31%
XYZ	2.9704, 3.4718, 7.7213
YIQ	45.9500, -32.0940, -2.0620

# Conversions

## Conversions Part 2

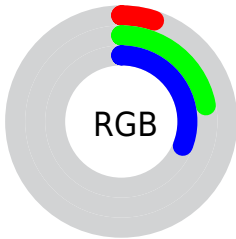
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	14, 39, 78
Decimal	931918
CIE Lab	21.84, -5.62, -17.54
CIE LCh	22, 18.416, 252.236
Yxy	3.4718, 0.2097, 0.2451
Android (android.graphics.Color)	4279121998 (0xFF0E384E)
YUV	45.9500, 15.8006, -28.0202
Hunter-Lab	18.6327, -4.1507, -11.5266

# Details

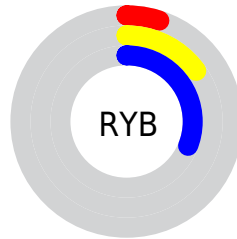
The Hex color **0E384E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4E240E**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **43677F**, and **000D22** is the 20% darker color. If you saturate the color by 10%, you get **06354E**, and if you desaturate by 10%, it is **163B4E**.

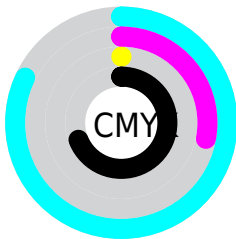
# Distribution



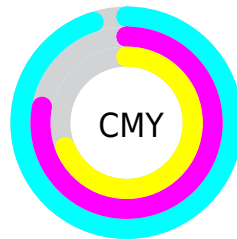
- Red (5%)
- Green (22%)
- Blue (31%)



- Red (5%)
- Yellow (15%)
- Blue (31%)



- Cyan (82%)
- Magenta (28%)
- Yellow (0%)
- Black (69%)



- Cyan (95%)
- Magenta (78%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E384E 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 0E384E by changing the saturation by 10% instead.



0E384E

0E384E

FFFFFF

002337

43677F

000D22

5D8099

000008

779AB4

000000

91B5D0

ACD0EC

C8ECFF

E5FFFF

0E384E

0E384E

■ 06354E

■ 163B4E

■ 00334E

■ 1E3D4E

■ 25404E

■ 2D434E

■ 35454E

■ 3D484E

■ 454B4E

■ 4C4D4E

■ 54504E

# Harmonies

## Analogous

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



003B46



0E384E



29344F

# Triad

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



0E384E



4F2A2F



283920

# Complementary

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



0E384E



4E240E

# 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.



383519



0E384E



4C2C23

# Square

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



0E384E



4A2B3D



44311A



163B2C

# Rectangle

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



0E384E



37304B



44311A



2E381D



# Sweetspot

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



0E384E



4D5D66



0E4E23



242E33



B3B3B3



333333



# Same Dimension

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



0E384E



024466



0E194E



222526



004366



0097E6



# Inverse Universe

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



4E0E38



660244



4E430E



262225



660043



E60097



# Previews

## White Background



This preview shows how the Hex color 0E384E looks on a white background.

## Color Contrast Check

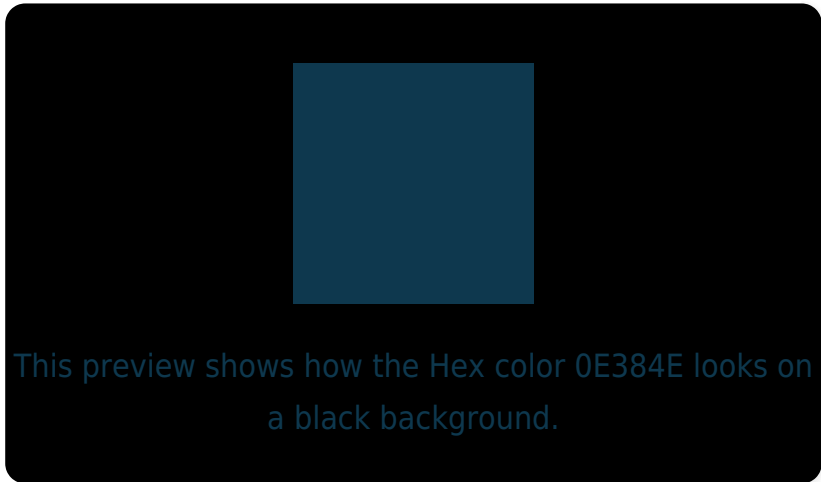
Large Text (above 18pt) WCAG AA ✓ Pass

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

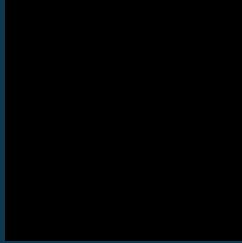
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E384E Background



This preview shows how black text looks on a background with the Hex color 0E384E.



This preview shows how white text looks on a background with the Hex color 0E384E.

# 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**  
0E384E

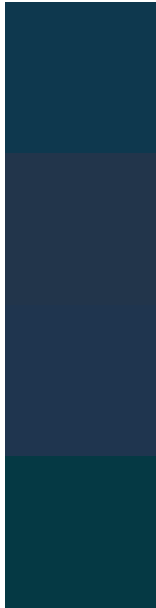
**Protanopia**  
2D344A

**Deuteranopia**  
28344F



**Tritanopia**  
003A3F

# Trichromacy



**Original Color**  
0E384E

**Protanomaly**  
22354B

**Deuteranomaly**  
1F354F

**Tritanomaly**  
053944

# Monochromacy



**Original Color**  
0E384E

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
22323A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E384E 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 #0E384E looks like.

```
.text, #text, p{  
    color:#0E384E  
}
```

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 #0E384E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E384E
}
```

## Border

The CSS property to change the border of an element to Hex 0E384E 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
#0E384E }
```

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

```
.border{ border-color:#0E384E }
```

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

Here you see how a box with a 4 pixel #0E384E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E384E; -webkit-box-shadow:4px 4px  
4px 4px #0E384E; box-shadow:4px 4px 4px  
4px #0E384E }
```

# Background

The CSS property to change the background color of an element to Hex 0E384E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E384E }
```

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

```
.background{ background-color:#0E384E }
```

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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