

# Converting Colors

Hex(0D2C3E)

Have a look what the booklet for  
Hex(0D2C3E) contains.

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# Color

Hex(0D2C3E)

# Conversions

## Conversions Part 1

Format	Color
Hex	0D2C3E
RGB	13, 44, 62
RGB Percent	5%, 17%, 24%
CMY	0.9490, 0.8275, 0.7569
CMYK	0.79, 0.29, 0.00, 0.76
HSL	202°, 65%, 15%
HSV	202°, 79%, 24%
XYZ	1.9362, 2.2347, 4.8867
YIQ	36.7830, -24.2540, -0.9740

# Conversions

## Conversions Part 2

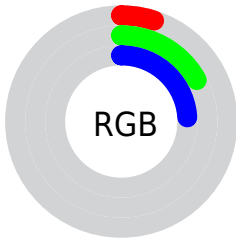
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 32, 62
Decimal	863294
CIE Lab	16.67, -4.28, -14.74
CIE LCh	17, 15.350, 253.804
Yxy	2.2347, 0.2138, 0.2467
Android (android.graphics.Color)	4279053374 (0xFF0D2C3E)
YUV	36.7830, 12.4320, -20.8577
Hunter-Lab	14.9490, -3.0419, -8.9172

# Details

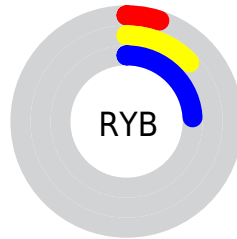
The Hex color **0D2C3E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3E1F0D**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **3E596E**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **072A3E**, and if you desaturate by 10%, it is **132E3E**.

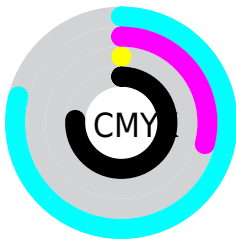
# Distribution



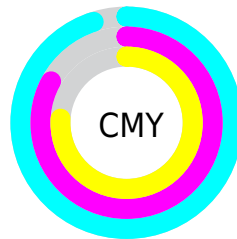
- Red (5%)
- Green (17%)
- Blue (24%)



- Red (5%)
- Yellow (13%)
- Blue (24%)



- Cyan (79%)
- Magenta (29%)
- Yellow (0%)
- Black (76%)



- Cyan (95%)
- Magenta (83%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D2C3E 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 0D2C3E by changing the saturation by 10% instead.



0D2C3E

0D2C3E

F9FFFF

001828

3E596E

000113

577287

000000

708BA1

8AA6BC

A5C1D8

C0DDF4

DDF9FF

0D2C3E

0D2C3E

■ 072A3E

■ 132E3E

■ 01273E

■ 19313E

■ 00273E

■ 20333E

■ 26353E

■ 2C373E

■ 323A3E

■ 383C3E

■ 3F3E3E

■ 45403E

# Harmonies

## Analogous

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



002E38



0D2C3E



21293E

# Triad

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



0D2C3E



3E2124



1F2D19

# Complementary

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



0D2C3E



3E1F0D

# 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.



2B2A14



0D2C3E



3C231B

# Square

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



0D2C3E



3B2130



352614



112F23

# Rectangle

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



0D2C3E



2C263B



352614



232C17



# Sweetspot

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



0D2C3E



3E4A52



0D3E1F



1D2429



A8A8A8



292929



# Same Dimension

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



0D2C3E



043552



0D143E



1C1D1F



003C5E



008CDE



# Inverse Universe

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



3E0D2C



520435



3E370D



1F1C1D



5E003C

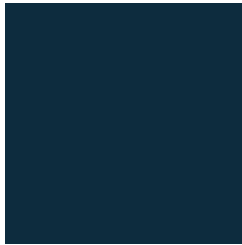


DE008C



# Previews

## White Background



This preview shows how the Hex color 0D2C3E looks on a white background.

## Color Contrast Check

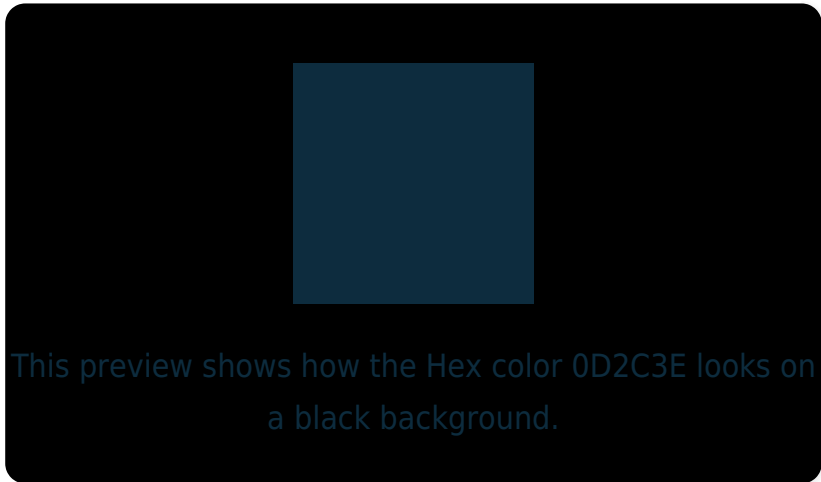
Large Text (above 18pt) WCAG AA ✓ Pass

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

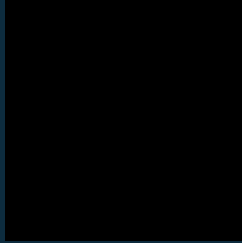
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D2C3E Background



This preview shows how black text looks on a background with the Hex color 0D2C3E.



This preview shows how white text looks on a background with the Hex color 0D2C3E.

# 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**  
0D2C3E

**Protanopia**  
23293B

**Deuteranopia**  
1F293F



# Trichromacy



**Original Color**  
0D2C3E

**Protanomaly**  
1B2A3C

**Deuteranomaly**  
182A3F

**Tritanomaly**  
052D36

# Monochromacy



**Original Color**  
0D2C3E

**Achromatopsia**  
252525

**Achromatomaly**  
1C282E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D2C3E 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 #0D2C3E looks like.

```
.text, #text, p{  
    color:#0D2C3E  
}
```

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 #0D2C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2C3E
}
```

## Border

The CSS property to change the border of an element to Hex 0D2C3E 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
#0D2C3E }
```

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

```
.border{ border-color:#0D2C3E }
```

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

Here you see how a box with a 4 pixel #0D2C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2C3E; -webkit-box-shadow:4px 4px  
4px 4px #0D2C3E; box-shadow:4px 4px 4px  
4px #0D2C3E }
```

# Background

The CSS property to change the background color of an element to Hex 0D2C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2C3E }
```

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

```
.background{ background-color:#0D2C3E }
```

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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